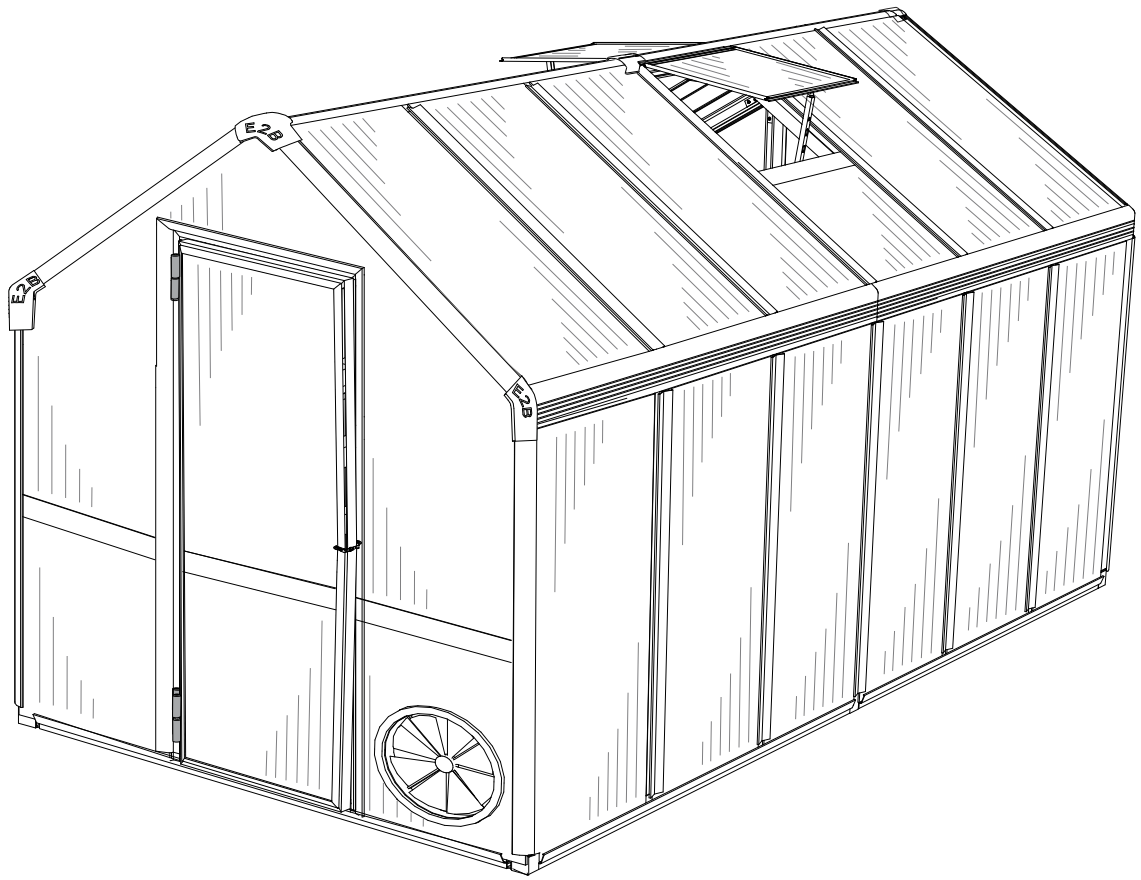
Easy Grow™

STRUCTURE 10 Years Warranty

PC SHELL 7 Years Warranty

6′ x 12′ Greenhouse

Assembly Instructions



Products Through Innovation

Systems Trading Corporation
450 7th Avenue Suite 2809, New York, NY 10123
Customer service: 1-877-782-4482 Email: easygrow@stcaustin.com

Introduction

Thank you for purchasing your Easy Grow™ 6x12 Greenhouse. This model features two roof vents and a circular air vent to ensure proper ventilation. We have also included an automatic vent opener to help you maintain optimal temperature effortlessly. When properly assembled and maintained, this greenhouse will provide years of enjoyment.

These instructions include helpful hints and important information needed to safely assemble and properly maintain the greenhouse. Please read these instructions completely before you begin.

Our patented greenhouse has been designed to be easily assembled. All but one step can be completed by one person. You will need assistance from another person to attach the roof. Although the greenhouse can be assembled in six to eight hours, we recommend you take your time and make it a weekend project.

Before Starting Assembly:

CAREFULLY READ ALL INSTRUCTIONS BEFORE YOU BEGIN AND FOLLOW THE STEPS IN THE ORDER THEY ARE PRESENTED.

1. Make sure you have all the necessary parts:

   Compare the contents of the three cartons to the List of Parts. If any parts are missing or damaged or you have any questions, please contact Customer Service by phone at 877-782-4482 or by email at easygrow@stcautin.com before beginning assembly.

2. Lay the parts out in separate staging areas:

   The List of Parts has the corresponding step number referenced to each part. We recommend that while you go through the list, make staging areas for each step and place the parts necessary for step in these areas. This will save you time and effort during assembly.

3. Select a Location:

   When selecting a site for your greenhouse, a flat level area is essential and if possible, with proper water drainage and easy access to power and water necessary for greenhouse gardening.
   Choose a sunny, level position away from overhanging trees and power lines and protected from the wind as much as possible. The location should be away from structures that could cause snow to drift on or around the greenhouse.
   Locate underground pipes or cables before preparing the site or anchoring the greenhouse.
   Note: You may assemble the greenhouse on a hard level surface and move it to its final position when finished. Make sure there are no obstacles between the assembly area and the final position.

4. Prepare a Foundation:

   After choosing a location, proper preparation of the site is essential. The site must be level. If the site is not level, create a base slightly larger than the outside dimensions of the greenhouse using a perimeter of two by fours filled with either soil, sod or gravel. Make sure the base is square by measuring the diagonals from both sides and making sure they are equal. The greenhouse is secured from the inside with pegs into holes cast with concrete. See step15 for details.
   If you decide to have a concrete base, it is best to contact a reliable contractor to ensure it is flat and level. Make sure you have checked with your local authorities regarding any required building permits.

5. Make sure you have the proper tools:

   - Tape Measure
   - Work Gloves
   - Safety Goggles
   - Phillips Screwdriver
   - Spirit Level
   - Small Step Ladder
   - Wooden Mallet
   - Liquid Soap or WD40 Lubricant
   - Scissors
   - Hex Key (included)

   NOTE: A cordless drill with Phillips head bit is highly recommended but not essential.

Safety Advice

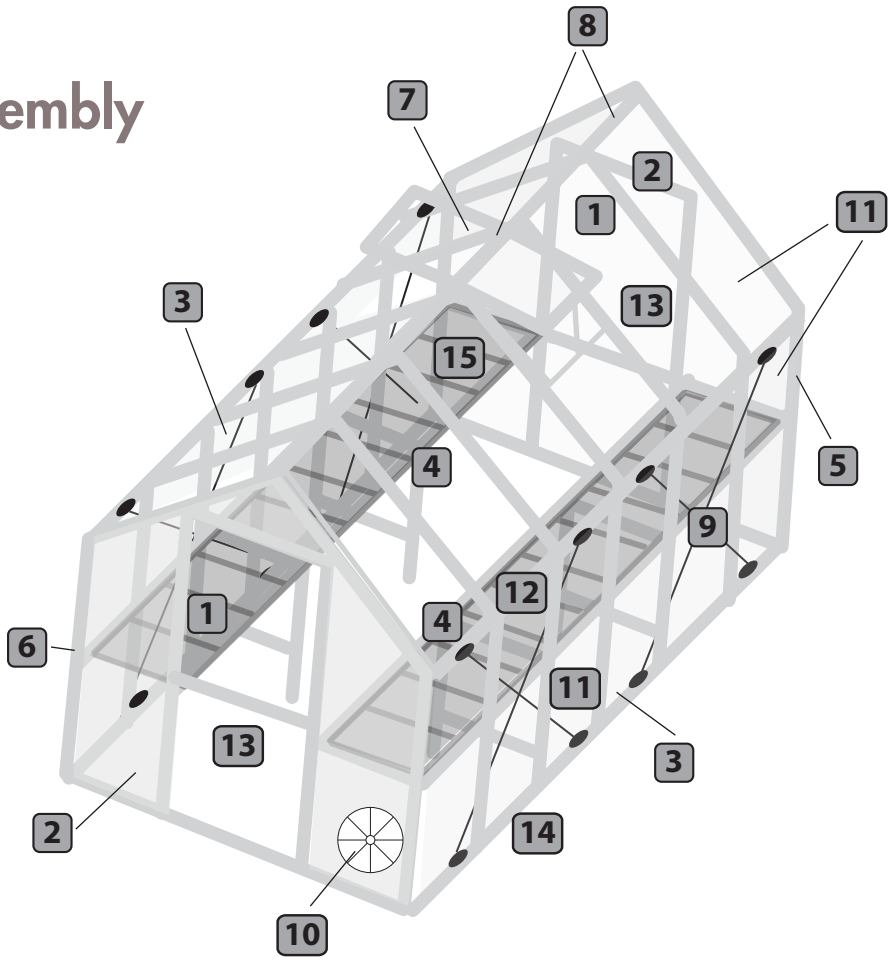
The greenhouse must be positioned and fixed on a flat level surface.
Dispose of all plastic bags safely. Keep them out of the reach of small children.
Keep children and pets away from the assembly area until the work is completed.
Always wear shoes, gloves and safety goggles when working.
In manufacturing all sharp edges and burs have been removed but caution should still be taken when handling metal parts.
Do not lean against or push the greenhouse during assembly.
Take special care not to touch overhead power lines with the aluminum profiles.
Do not attempt to assemble the greenhouse in windy or wet conditions.
Do not position your greenhouse in an area exposed to excessive wind.
If using power tools or a step ladder always follow the manufacturer's safety instructions.
Hot items such as recently used grills, blow torches etc., must not be stored in the greenhouse.
Store the polycarbonate panels in a cool dark place like a garage until you are ready to use them.
Make sure the greenhouse complies with local building codes.

Table of Contents

Introduction 1
Safety Advice 2
General Order of Assembly 2
List of Parts 3
Prepare Doors 6
Assemble Front and Back..... 8
Assemble Sides 16
Prepare Shelves 22
Connect Sides to Back 23
Connect Sides to Front 25
Prepare Roof Vents 28
Connect Gables and Roof Vents 29
Brace Sides 35
Install Circular Vent 37
Install Side and Roof Panels ... 38
Install Trim Plates 39
Hang Doors 41
Secure to Ground 43
Install Trays..... 44

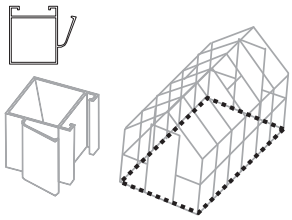
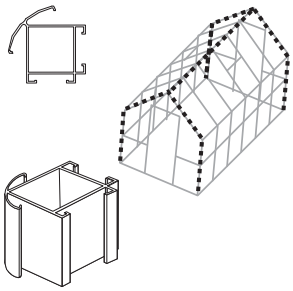
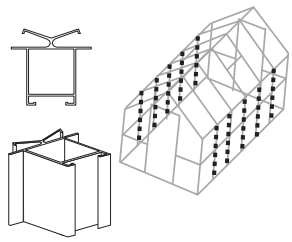
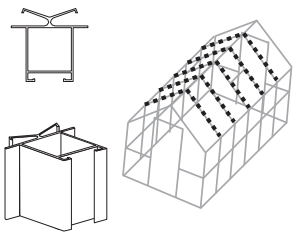
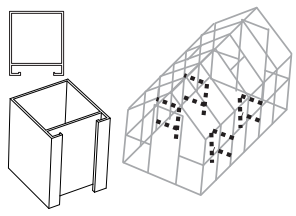
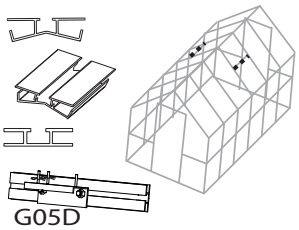
General Order of Assembly

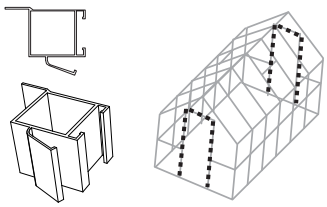
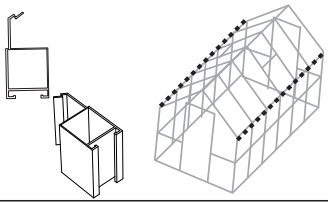
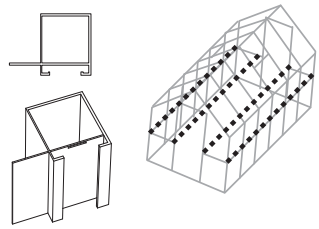
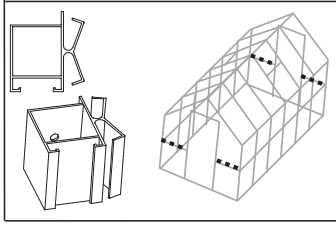
Step 1: Prepare Doors
Step 2: Assemble Front and Back
Step 3: Assemble Sides
Step 4: Prepare Shelves
Step 5: Connect Sides to Back
Step 6: Connect Sides to Front
Step 7: Prepare Roof Vents
Step 8: Connect Gables and Roof Vents
Step 9: Brace Sides
Step 10: Install Circular Vent
Step 11: Install Side and Roof Panels
Step 12: Install Trim Plates
Step 13: Hang Doors
Step 14: Secure to Ground
Step 15: Install Trays

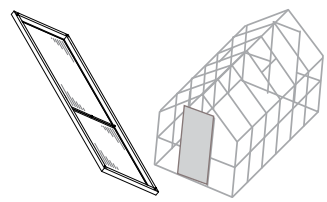
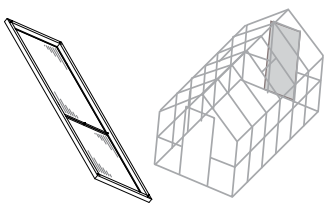
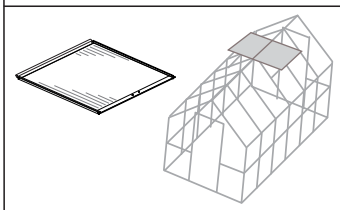


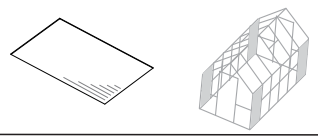
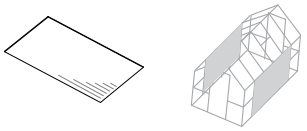
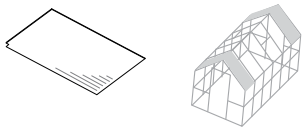
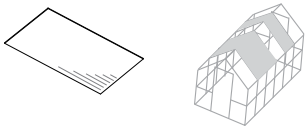
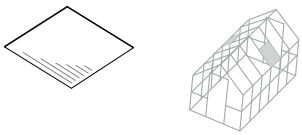
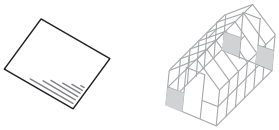
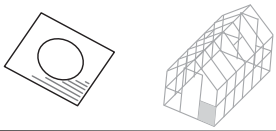
List of Parts

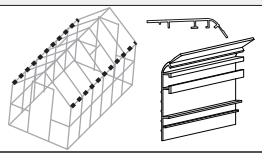
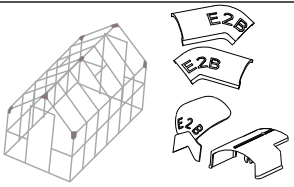
The greenhouse is shipped in three cartons. These cartons are heavy. Be careful when lifting them.
Wear proper safety gear including work shoes, gloves and goggles.
The parts are identified by removable stickers.
Place all the parts for each step in staging areas, checking that you have all parts as you go.
If any parts are missing or damaged, contact STC customer service before beginning assembly:
Customer Service: 877-782-4482 or email: easygrow@stcaustin.com

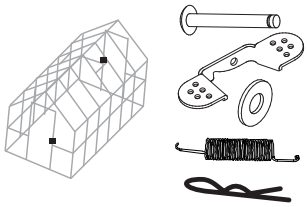
Profile		QTY	
	G01D	4	Step 3
	G01M	2	Step 2
	G01N	2	Step 2
	G01Q	2	Step 2
	G02A	2	Steps 2
	G02B	2	Steps 2
	G02E	2	Step 2
	G02F	2	Step 2
	G02H	1	Step 8
	G02N	1	Step 8
	G03B	4	Step 3
	G03T	2	Step 3
	G03V	4	Step 3
	G03E	4	Step 8
	G03G	1	Step 8
	G03H	1	Step 8
	G03J	1	Step 8
	G03Y	1	Step 8
	G03Z	2	Step 8
	G04B	4	Step 3
	G04C	4	Step 3
	G04D	4	Step 3
 G05D	G05D	1	Step 8
	G05G	1	Step 8

Profile		QTY	
	G06A	2	Step 2
	G06B	2	Step 2
	G06C	2	Step 2
	G07C	2	Step 3
	G07D	2	Step 3
	G14C	4	Step 4
	G14D	4	Step 4
	G14J	4	Step 3
	G17A	2	Step 2
	G17B	2	Step 2

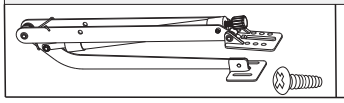
Factory Assembled		QTY	
	DOOR 3	1	Step 1
	DOOR 3	1	Step 1
	VENT 1	2	Step 7

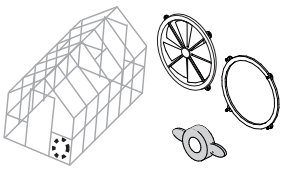
Twin Panel		QTY	
	Y09	4	Step 11
	Y10	8	Step 11
	Y11	4	Step 11
	Y12	6	Step 11
	Y13	2	Step 11
	Y31	3	Step 2
	Y32	1	Step 2
	Y33	4	Step 2
	Y5	2	Step 2

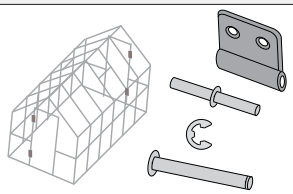
Trim Plate		QTY	
	G09C	2	Step 12
	G09D	2	Step 12
	J02L	2	Step 12
	J02R	2	Step 12
	J03	2	Step 12
	J06	1	Step 12

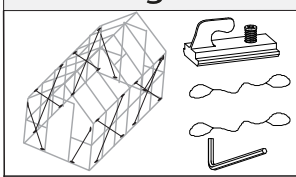
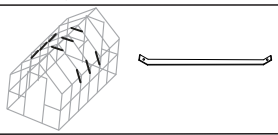
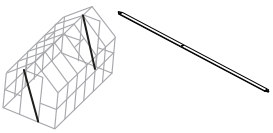
Door Handle		QTY	
	S29	2	Step 1
	S30	2	Step 1
	S31	4	Step 1
	S33	2	Step 1
	S44	2	Step 1

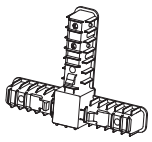
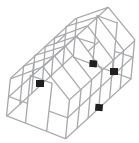
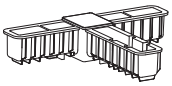
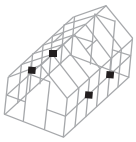
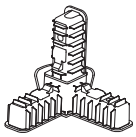
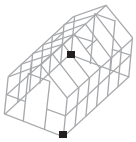
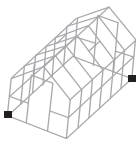
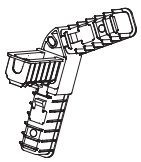
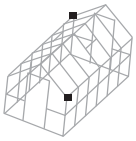
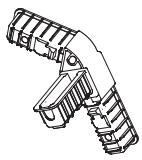
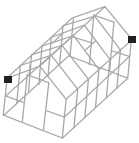
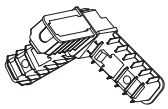
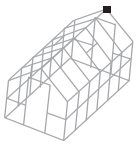
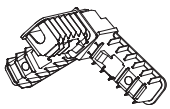
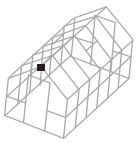
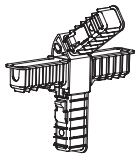
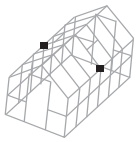
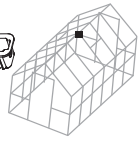
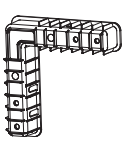
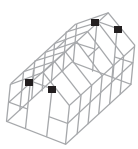
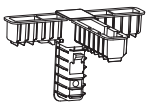
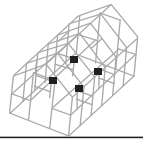
Roof Vent Handle		QTY	
	S25	1	Step 7

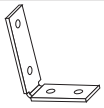
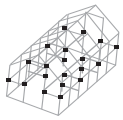
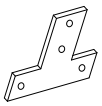
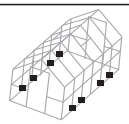
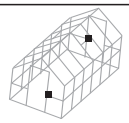
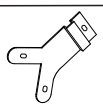
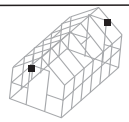
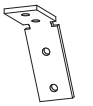
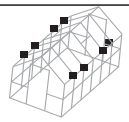
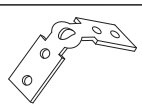
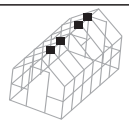
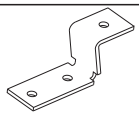
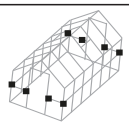
Auto Vent Opener		QTY	
	S41	1	Step 8
	S41A	2	Step 8

Circular Vent		QTY	
	circular vent	1	Step 10
	vent frame	1	Step 10
	plastic nut	4	Step 10

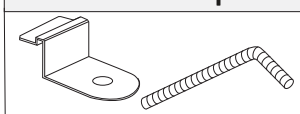
Door Hinge Parts		QTY	
	#P30	4	Step 13
	#S49	2	Step 13
	#S50	2	Step 13
	#S51	2	Step 13

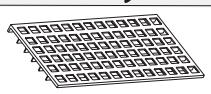
Bracing Parts		QTY	
	S06	24	Steps 2,9
	S07	8	Step 9
	S16	4	Steps 2
	hex key	1	Steps 2,9
	S23	9	Step 8
	G15A	2	Step 1

Connector		QTY	
 	P01	6	Steps 2,3
 	P03	4	Step 3
 	P04	2	Steps 2
	P05	2	Steps 2
 	P09	2	Steps 2
 	P10	2	Steps 2
 	P12	1	Step 2
 	P18	1	Step 2
 	P19	2	Step 3
	P21	1	Step 8
 	P28	4	Step 2
 	P39	4	Step 3

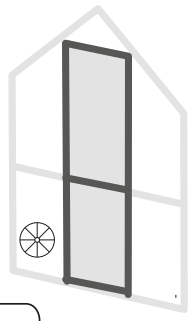
Connector		QTY	
 	S01	20	Steps 2,3,4
 	S08	8	Steps 3,4
	S17L	2	Step 2
 	S17R	2	Step 2
 	S20	8	Step 3
 	S22	4	Step 8
 	S37	8	Steps 4

Connector		QTY	
	S02	167	Steps 1,2,3,4,9
	S13	6	Steps 1,8
	S14	6	Steps 1,8
	S24	2	Steps 7
	S42	2	Step 8
	S43	1	Step 12
	S48	8	Step 13
	S52	8	Step 2

Anchor Clip and Peg		QTY	
	S34 S35	10 10	Step 14 Step 14

Shelf Trays		QTY	
	J05	30	Step 15

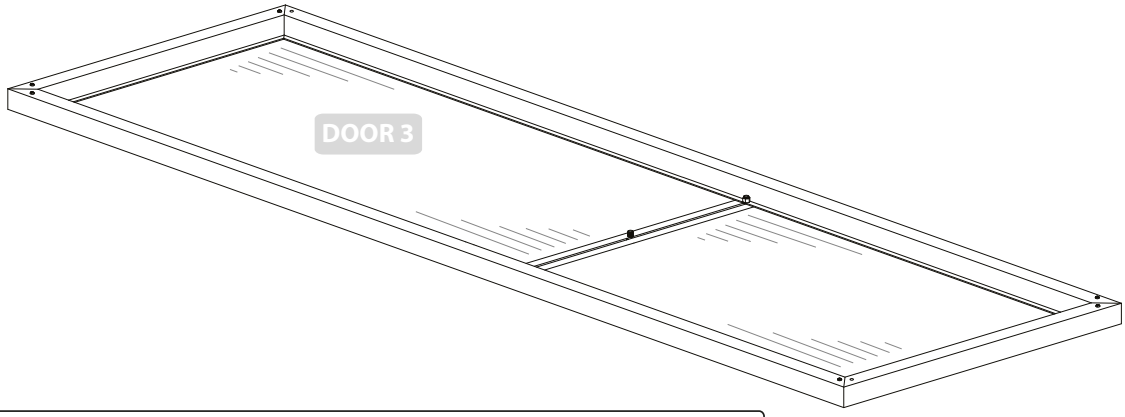
Prepare Doors



Lay out all the parts for the doors in a staging area.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

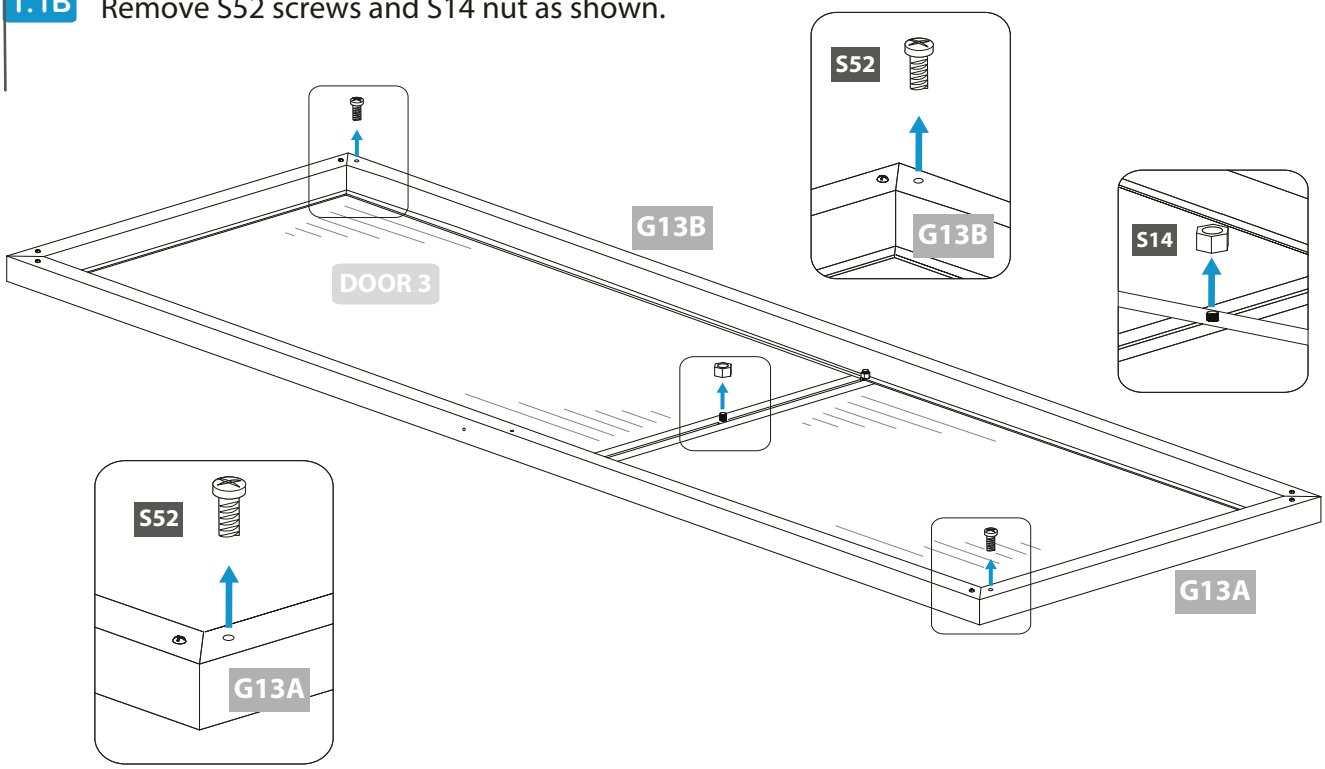
Both doors are identical and partially assembled at the factory.
Remove protective plastic film from both sides of panels. ALL VIEWS ARE SHOWN FROM THE INSIDE.

1.1A The doors are partially assembled at the factory.
Remove protective plastic from both sides of panels on DOORS 3. Place sides to face the sun facing down.



Remove protective plastic from EACH side of clear panels before installing.
Dispose of plastic properly. Install with outward curved side FACING DOWN.

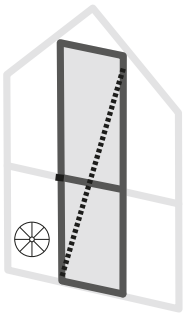
1.1B Remove S52 screws and S14 nut as shown.

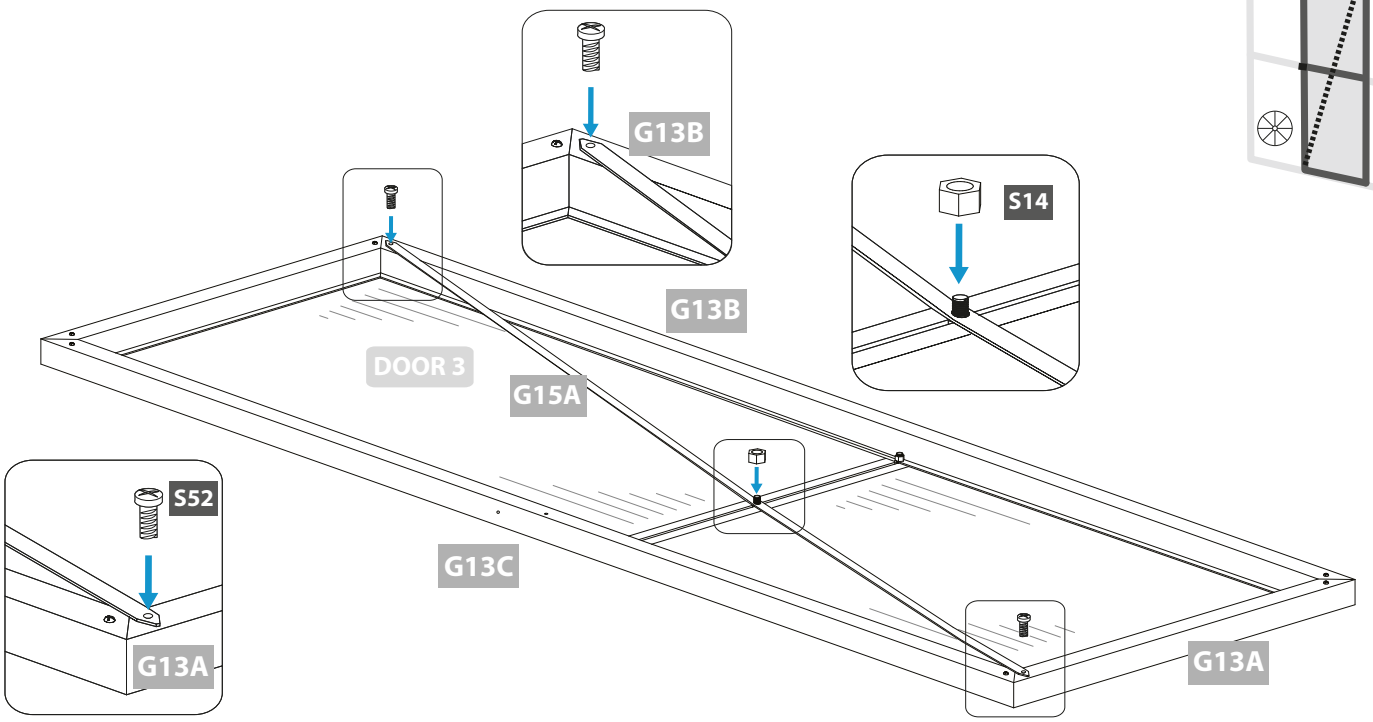


NOTE: ALL VIEWS ARE FROM INSIDE.

DOOR 3	QTY
	2

1.2 Place brace G15A onto DOOR 3 lining up the holes on each end with the holes in profiles G13B and G13A. Slide hex bolt so it fits through hole in brace. Secure brace with two S52 screws and S14 hex nut.



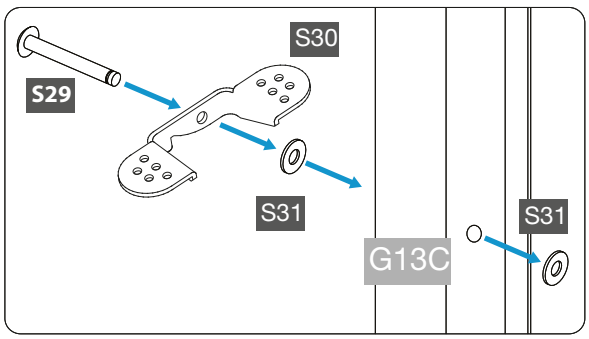


IMPORTANT: The hole for hex bolt is not at the midpoint of brace. Turn brace until all holes line up. Brace will dip slightly when hex bolt is secured.

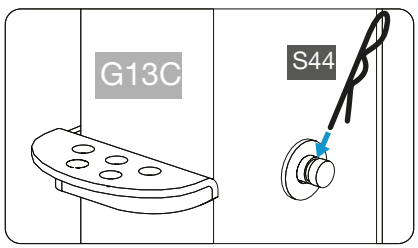
NOTE: ALL VIEWS ARE FROM INSIDE.

Brace		QTY
	#G15A	2

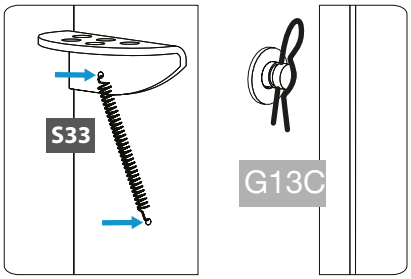
1.3A Open door handle kit and remove parts. Slide pin S29 through handle S30, washer S31and hole in profile G13C into washer S31.



1.3B Slide hairpin clip S44 into groove on pin S29 to hold securely in place.



1.3C Hook one side of spring S33 into hole on handle S30. Hook the other side into pin hole on profile G13C.



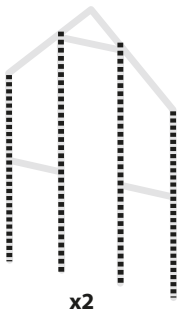
1.3D Repeat steps 1.2 through 1.3C to complete second door.

Connector		QTY
	#S29	2
	#S30	2

Connector		QTY
	#S31	4
	#S33	2
	#S44	2

NOTE: Connectors packaged as Door Handle Kit.

Assemble Front and Back

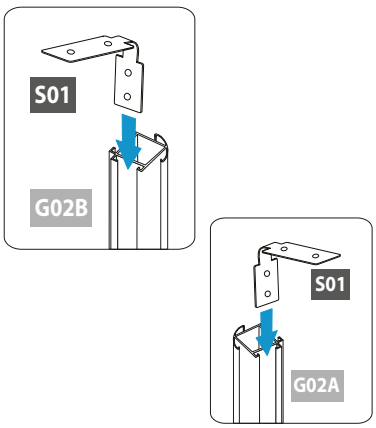


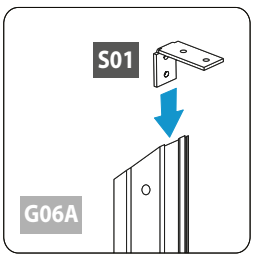
Lay out all the parts for the front face in a staging area.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

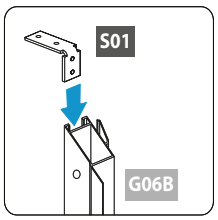
The front and back are assembled with the outside face to the ground.
ALL VIEWS ARE SHOWN FROM INSIDE.

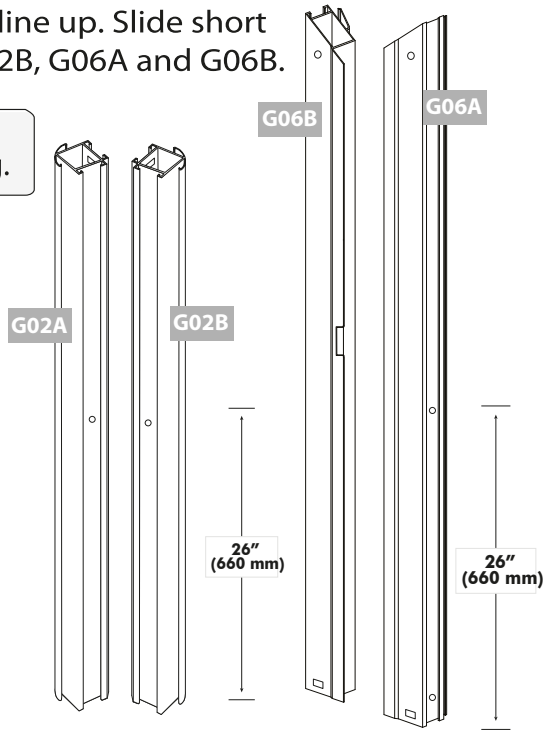
2.1A Lay out profiles G02A, G02B, G06A and G06B so all holes line up. Slide short side of connector S01 into channels of profiles G02A, G02B, G06A and G06B.

IMPORTANT: The holes are not at the midpoint of the profile.
Arrange profile so the 26" portion will be the bottom when standing.

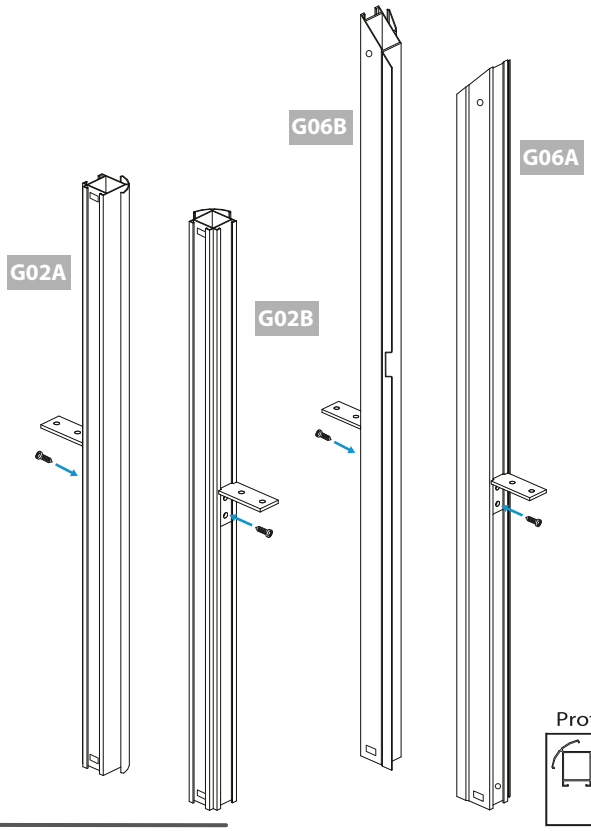




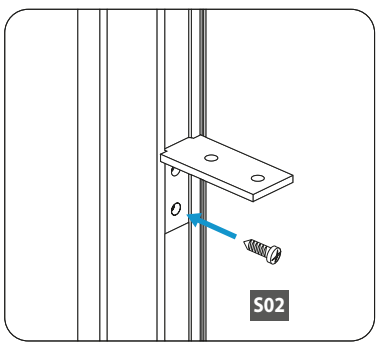




2.1B Line up lower hole on connector S01 with hole in each profile and secure with S02 screws.



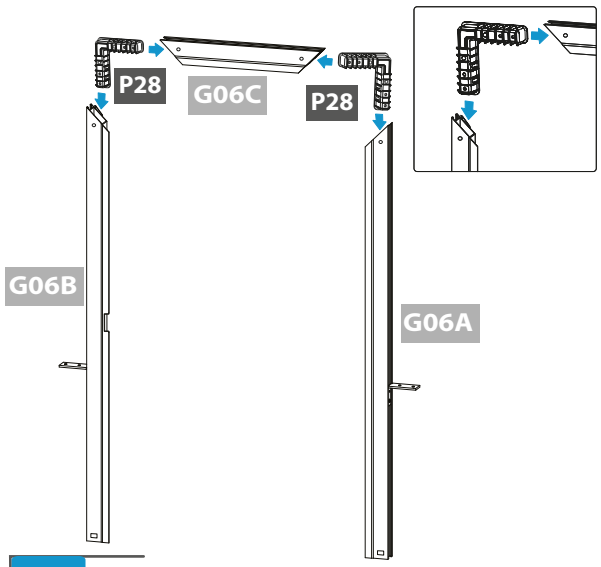
NOTE: ALL VIEWS ARE FROM INSIDE.



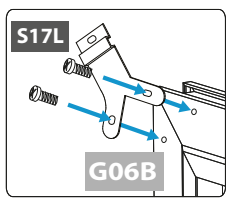
2.1C Repeat steps 2.1A & 2.1B to complete assembly of one more set ofG02A, G02B, G06A and G06B. One set is used for assembly of front panel and the other for the back panel.

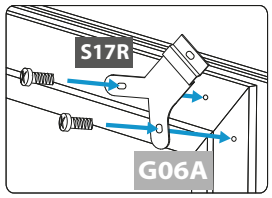
Profile		QTY	Profile		QTY	Connector		QTY
	#G02A	2		#G06A	2		#S01	8
	#G02B	2		#G06B	2		#S02	8

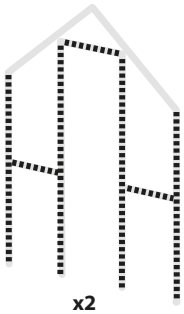
2.2A
Slide profiles G06C into G06A and G06B, using connectors P28.
NOTE: P28 connectors do not snap into place.



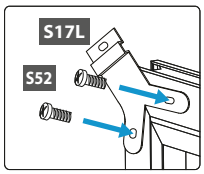
2.2B
Place connectors S17L and S17R on corners matching up bottom two holes with holes in profiles G06A, G06B and G06C as shown.

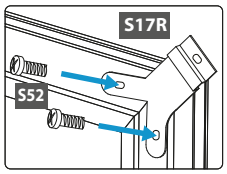




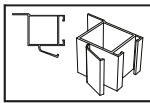
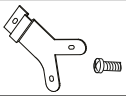
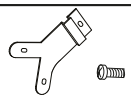


2.2C
Secure each connector with two S52 screws.

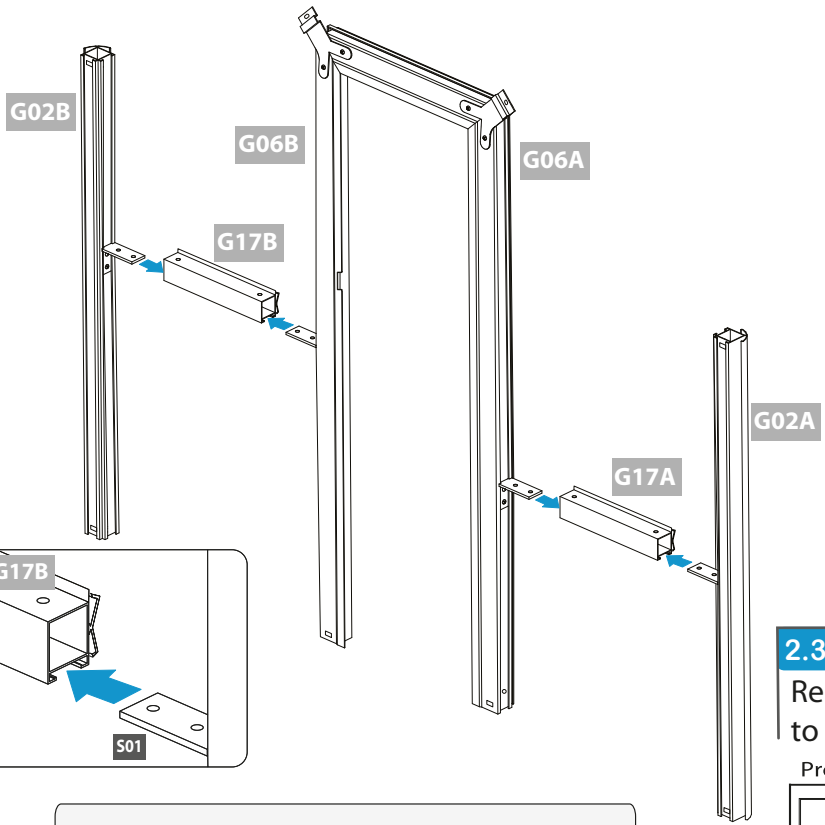




2.2D
Repeat step 2.2A through 2.2C to duplicate one more set.

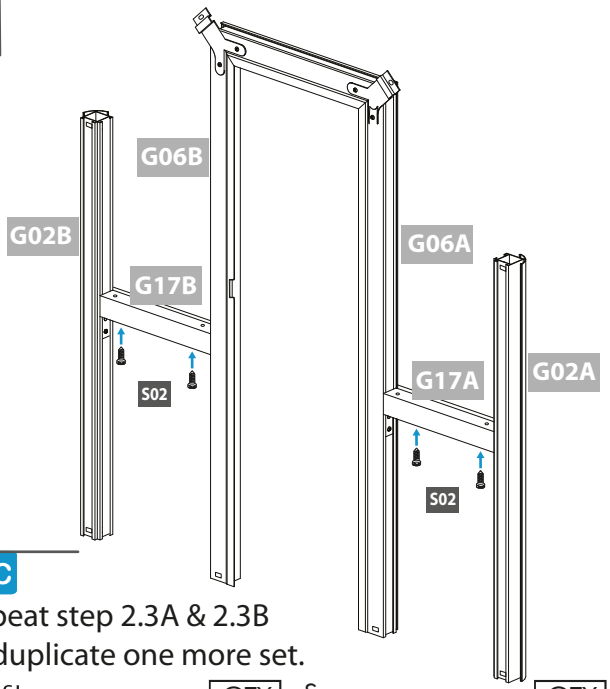
Profile		QTY	Connector		QTY	Connector		QTY	Connector		QTY
	#G06C	2		#P28	4		#S17L #S52	2 4		#S17R #S52	2 4

2.3A
Attach profiles G02B and G06B to profile G17B. Slide long sides of connectors S01 into channels of profile G17B, lining up last hole in S01 with holes in profile G17B. Attach profiles G06A and G02A to profile G17A. Slide long side of connectors S01 into channels of profiles G17A, lining up last hole of S01 with holes in G17A.

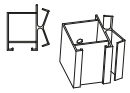


NOTE: ALL VIEWS ARE FROM INSIDE.

2.3B
Secure with four S02 screws.

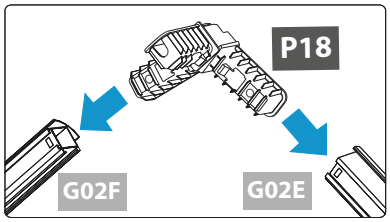


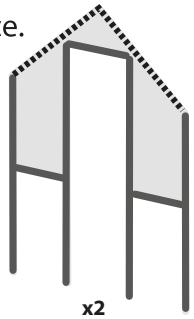
2.3C
Repeat step 2.3A & 2.3B to duplicate one more set.

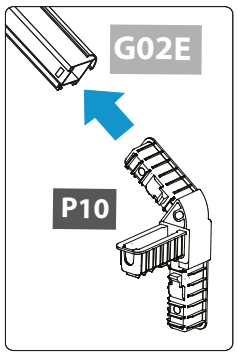
Profile		QTY	Screw		QTY
	#G17A #G17B	2 2		#S02	8

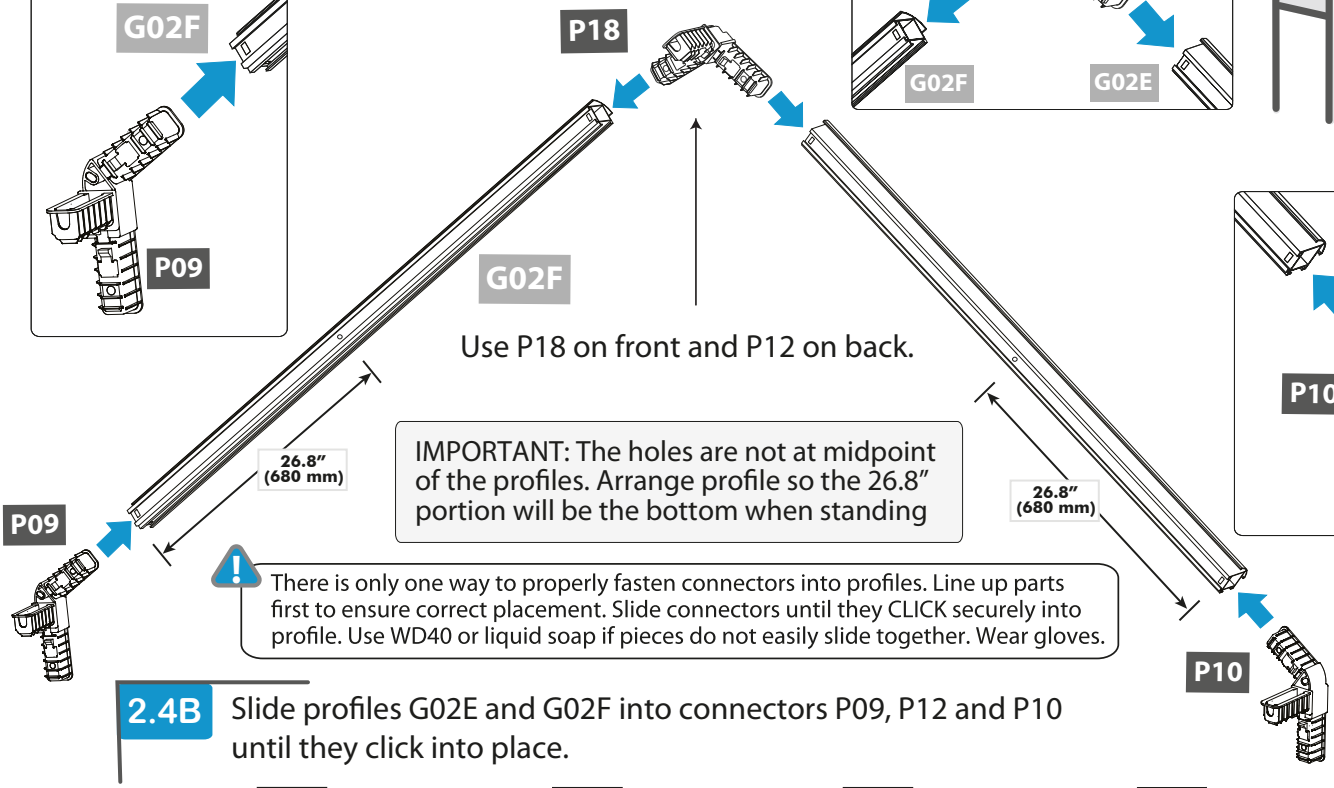
2.4A Slide profiles G02E and G02F into connectors P09, P18 and P10 until they click into place.

Connectors P09, P10 and P18 CLICK into place.





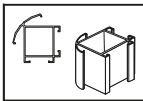
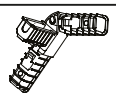
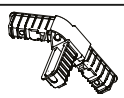
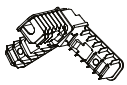
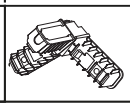




IMPORTANT: The holes are not at midpoint of the profiles. Arrange profile so the 26.8" portion will be the bottom when standing

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

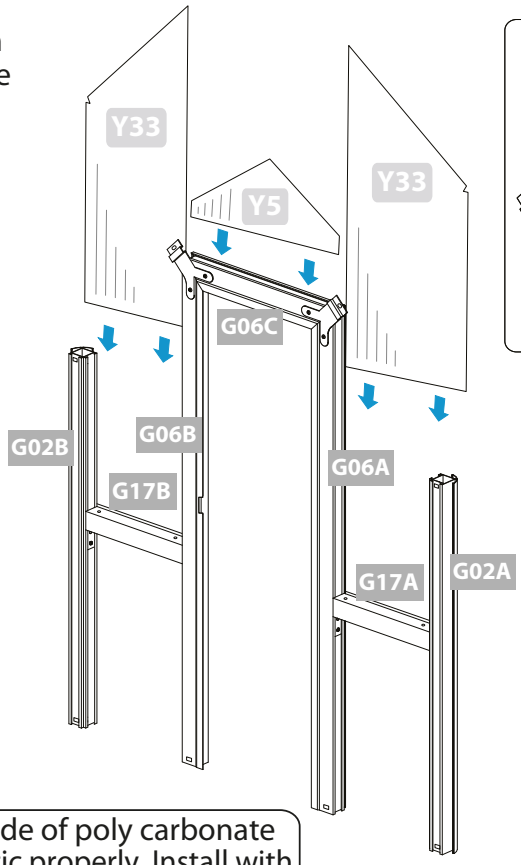
2.4B Slide profiles G02E and G02F into connectors P09, P12 and P10 until they click into place.

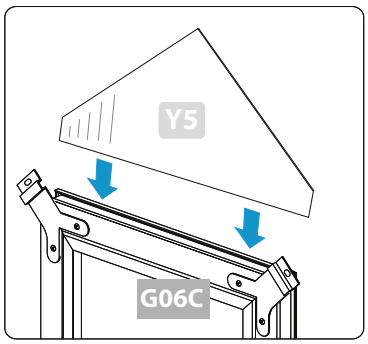
Profile	QTY	Connector	QTY	Connector	QTY	Connector	QTY	Connector	QTY
 #G02E #G02F	2 2	 #P09	2	 #P10	2	 #P18	1	 #P12	1

2.5 Remove protective plastic from both sides of panels Y5 and Y33. Place side to face toward the sun facing down. Fit Y5 panel into V-channel on profile G06C.

Slide panel Y33 between profiles G02B and G06B, fitting bottom edge into profile G17B.

Slide panel Y33 between profiles G02A and G06A, fitting bottom edge into profile G17A.

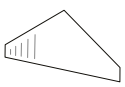
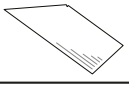




NOTE: ALL VIEWS ARE FROM INSIDE.

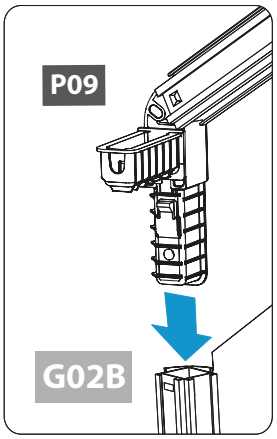
Repeat to complete 2 sets.

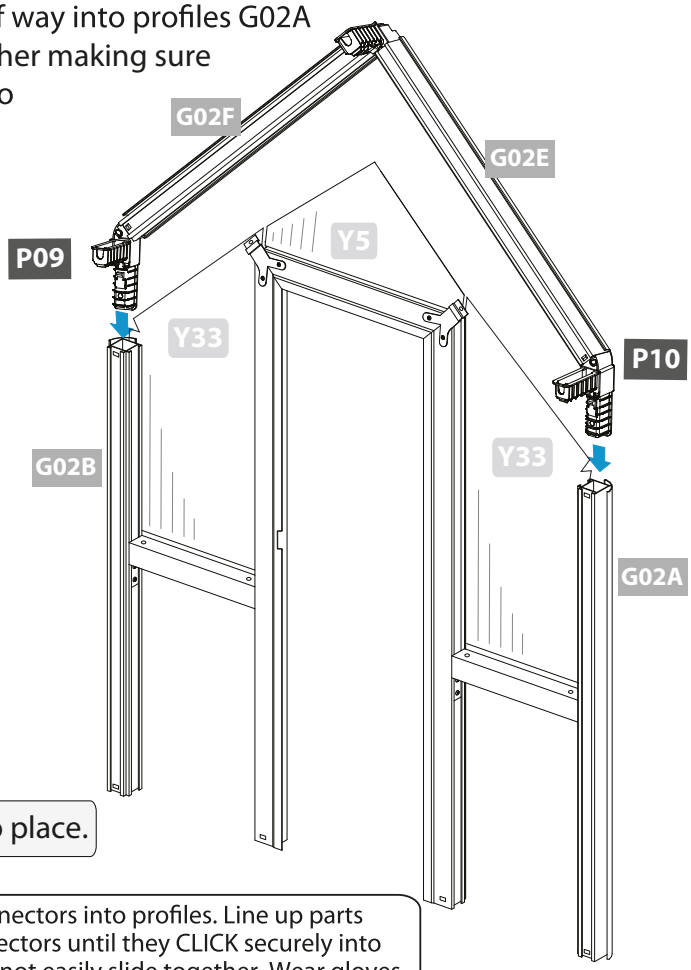
Remove protective plastic from EACH side of poly carbonate panels before installing. Dispose of plastic properly. Install with side labeled "Face this side towards the sun" FACING DOWN.

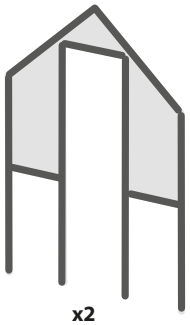
Panel		QTY
	#Y5	2
	#Y33	4

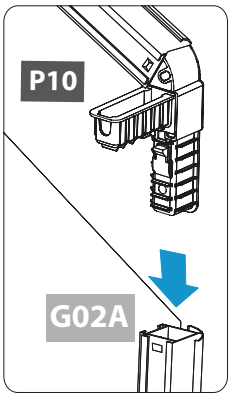
2.6A

Slide connectors P09 and P10 half way into profiles G02A and G02B. Continue sliding together making sure edges of panels Y5 and Y33 fit into V-channels of profiles G02F and G02E. Connectors click securely into profiles.







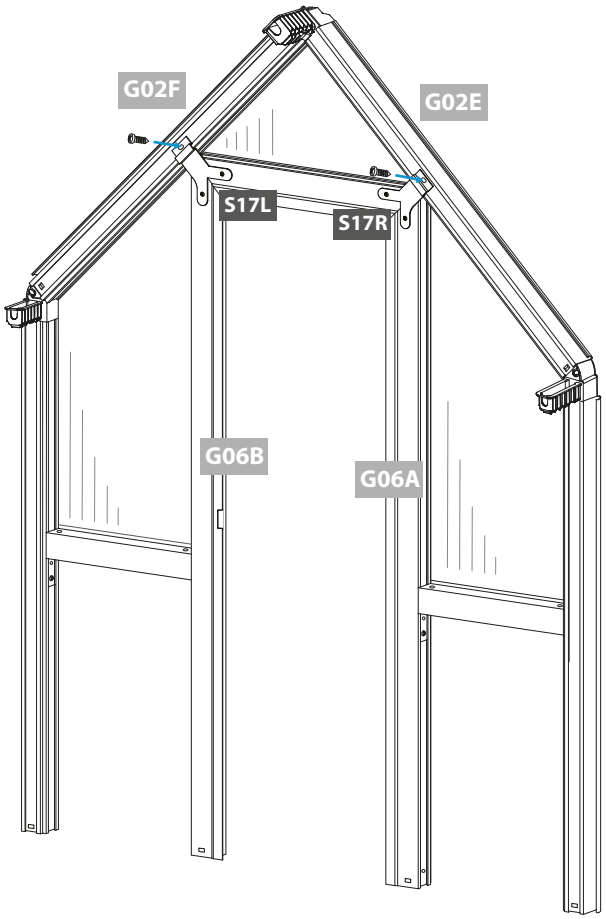


Connectors P09 and P10 CLICK into place.

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

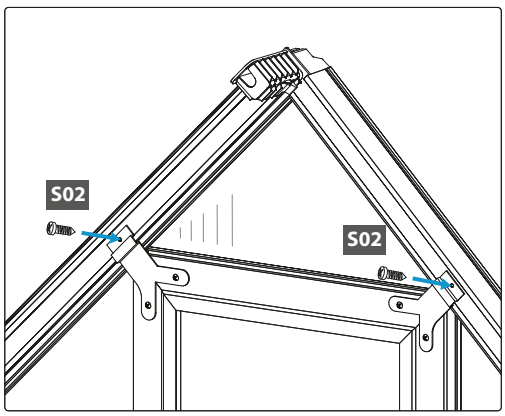
2.6B

Place connectors S17L and S17R on frame, lining up holes as shown.



2.6C

Secure with two S02 screws.



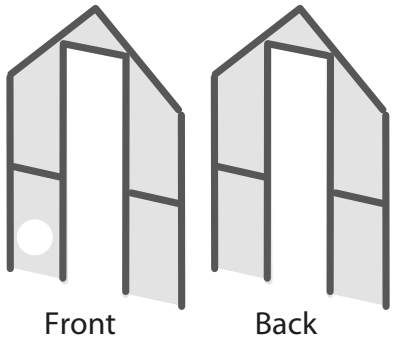
NOTE: ALL VIEWS ARE FROM INSIDE.

Repeat steps 2.1 through 2.6B to complete the frame of the back of the greenhouse.

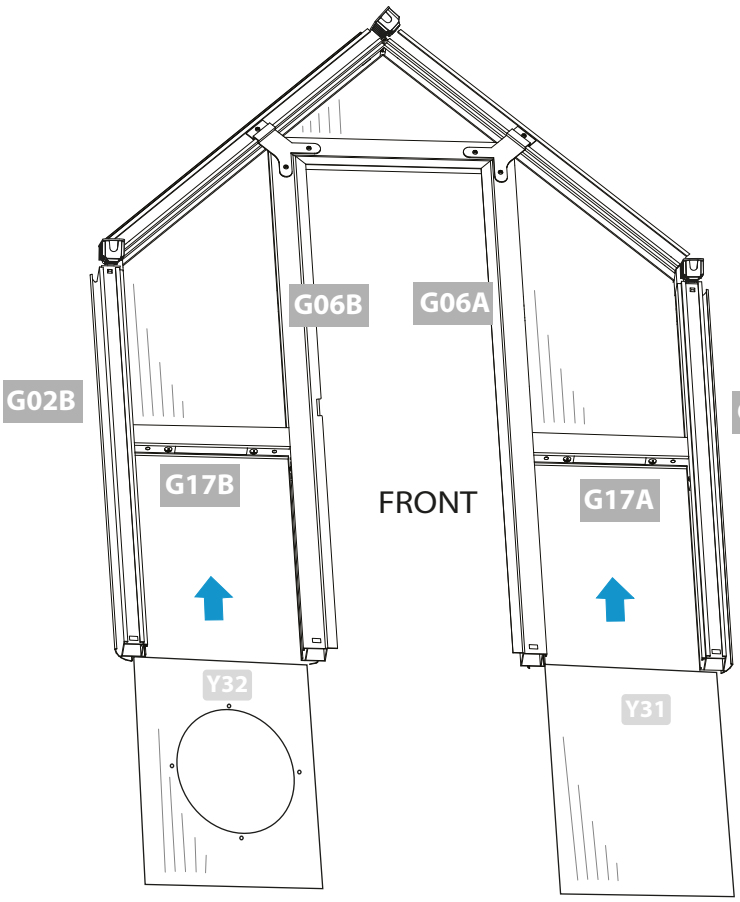
Screw		QTY
	#S02	4

2.7

Remove protective plastic from both sides of panels Y31 and Y32. Place side to face toward the sun facing down.

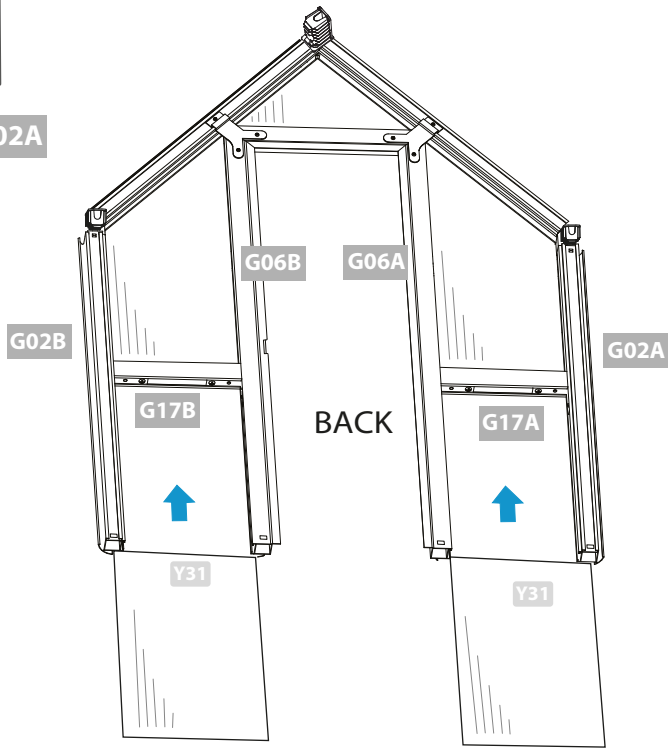


Slide one Y31 and one Y32 panel into V-channels on profiles G02A, G02B, G06A and G06B of the greenhouse FRONT. Fit top edges into profiles G17A and G17B.



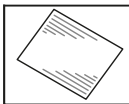
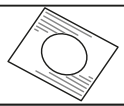
2.7A

Slide two Y31 panels into V-channels on profiles G02A, G02B, G06A and G06B of the greenhouse BACK. Fit top edges into profiles G17A and G17B.



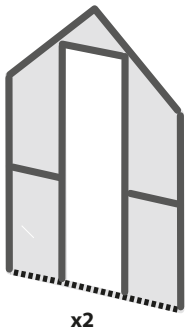
ALL VIEWS ARE FROM INSIDE.

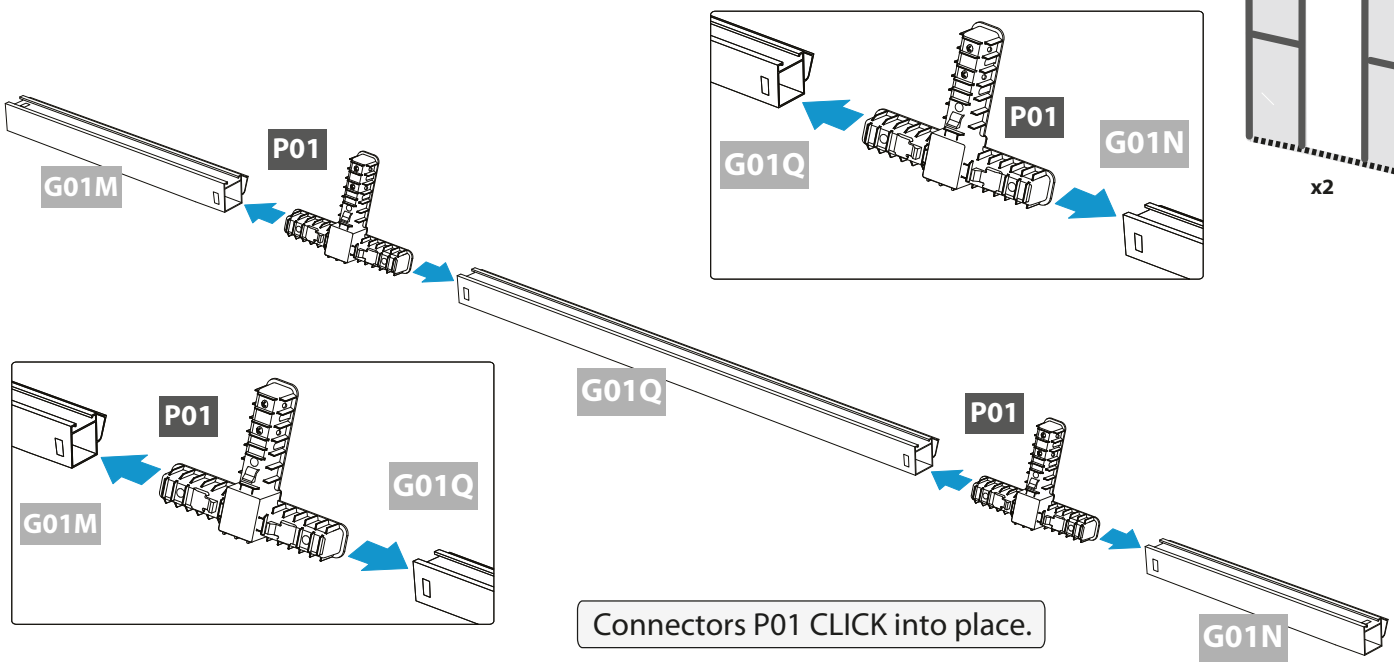
Remove protective plastic from EACH side of poly carbonate panels before installing. Dispose of plastic properly. Install with side labeled "Face this side towards the sun" FACING DOWN.

Panel		QTY	Panel		QTY
	#Y31	3		#Y32	1

2.8A

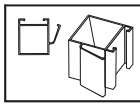
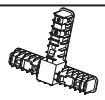
Line up profiles G01M, G01N and G01Q with connectors P01 as shown.
Slide connectors into profiles until they securely click into place.





Connectors P01 CLICK into place.

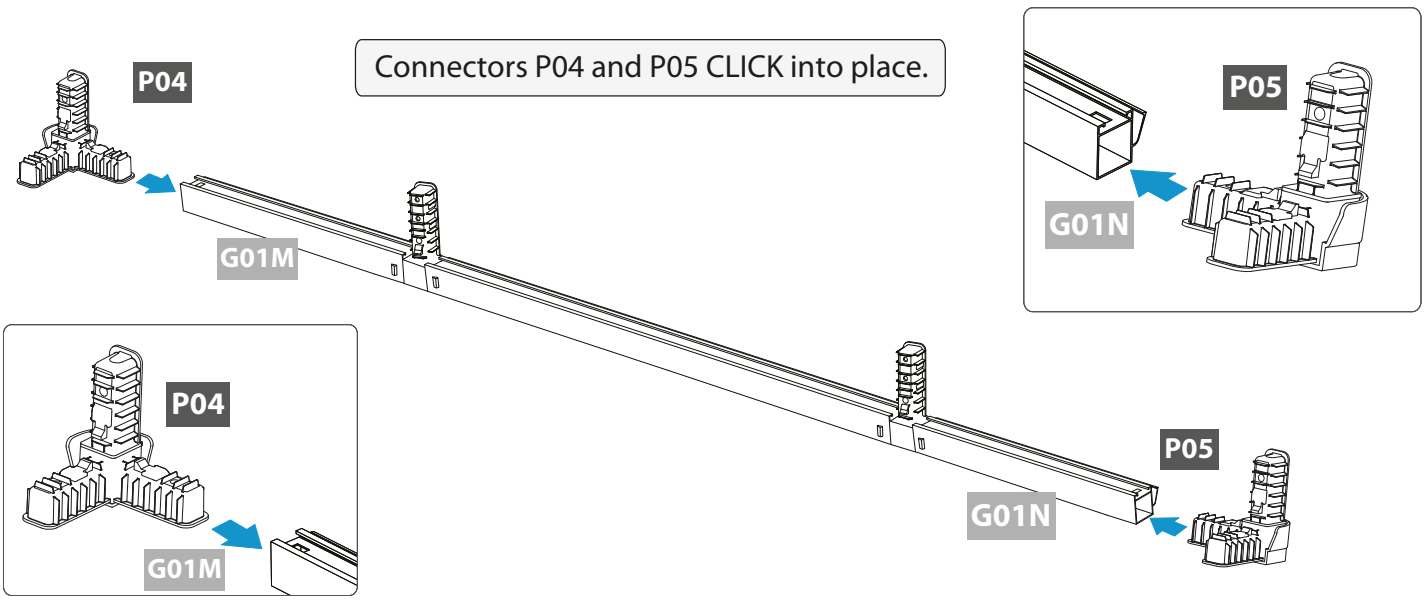
IMPORTANT: Connectors P01 and P03 look very similar. P01 has built in nuts used to support door hinges installed in Step 13. MAKE SURE TO USE CONNECTOR P01 FOR THIS STEP.

Profile		QTY	Connector		QTY
	#G01M #G01N #G01Q	2 2 2		#P01	4

2.8B

Slide connectors P04 into profile G01M and connector P05 into profile G01N until they securely click into place.

Connectors P04 and P05 CLICK into place.



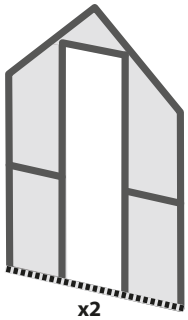
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

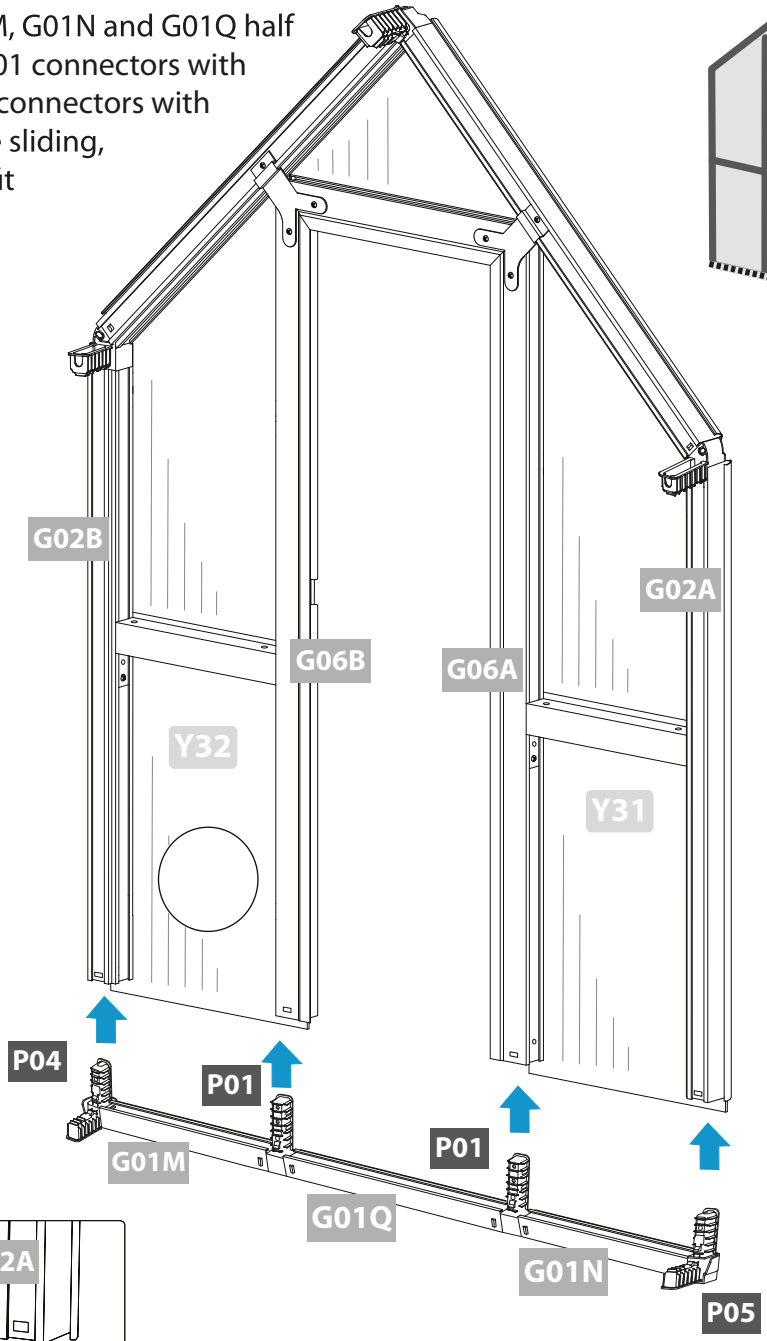
NOTE: ALL VIEWS ARE FROM INSIDE.

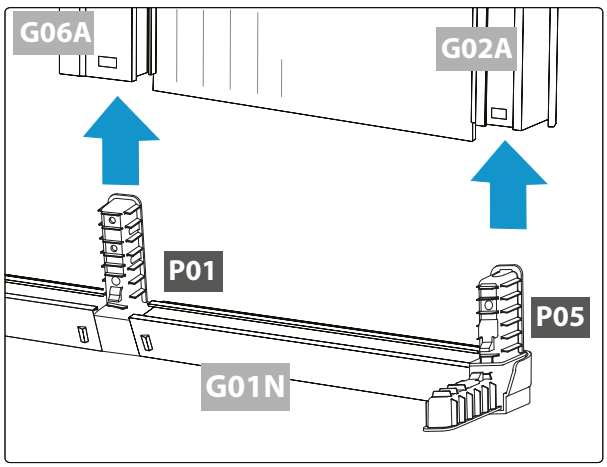
Connector		QTY	Connector		QTY
	#P04	2		#P05	2

2.9

As you slide bottom profiles G01M, G01N and G01Q half way into place, carefully line up P01 connectors with G06B and G06A and P04 and P05 connectors with profiles G02B and G02A. Continue sliding, making sure panels Y31 and Y32 fit into V-channels. Snap connectors P01, P04 and P05 securely into profiles.







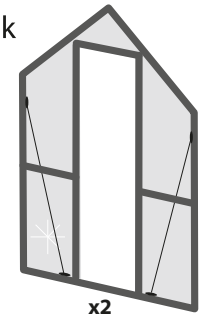
NOTE: ALL VIEWS ARE FROM INSIDE.

Repeat steps 2.8A through 2.9 to fit the bottom profiles to the back of the greenhouse.

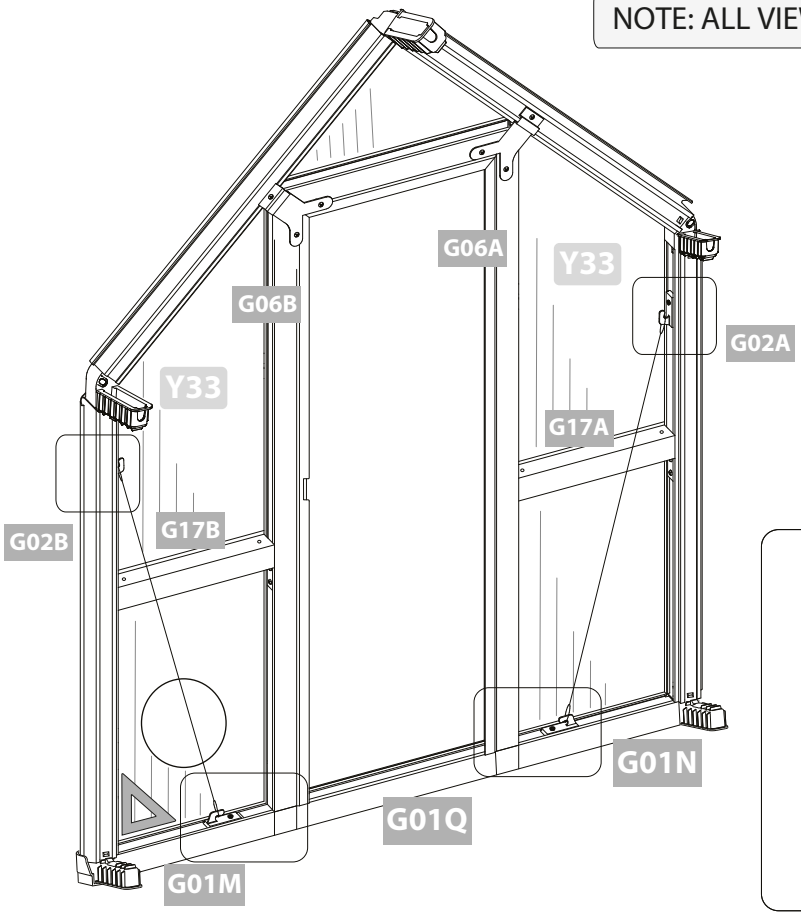
Connectors P01, P04 and P05 CLICK into place.

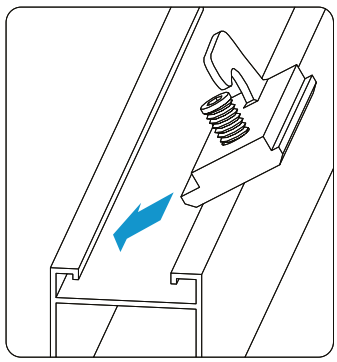
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

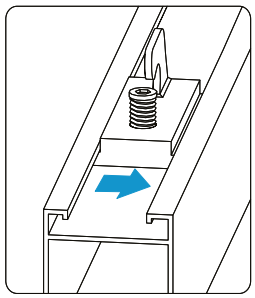
2.10A Insert long side of cable connector S06 at an angle into profile channel G02A with hook facing up. Slide connector to other side of channel. Use hex key to securely tighten and hold in place.

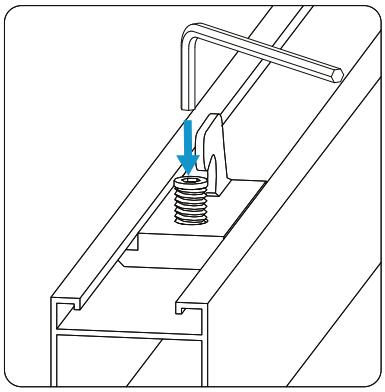


NOTE: ALL VIEWS ARE FROM INSIDE.

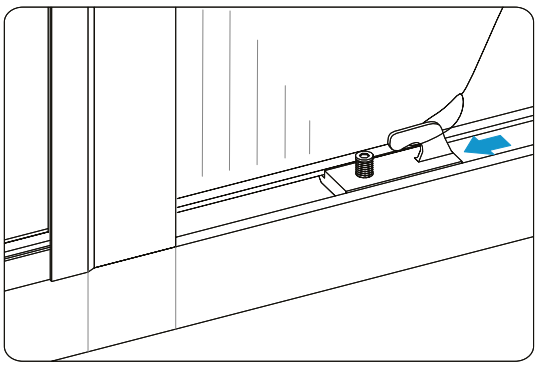




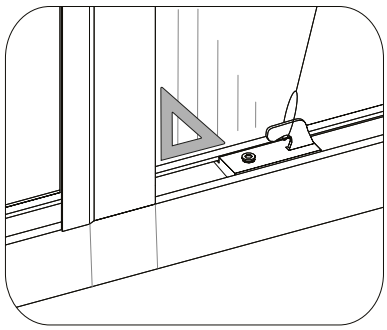




2.10B Attach one side of short cable S16 to hook and lace over profile G17A. Attach other side of cable to another S06 cable connector. With hook facing the center, insert connector into profile channel G01N and push towards center until profile corners are square and cable is tight.



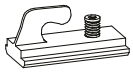
2.10C Use hex key to securely tighten and hold in place.



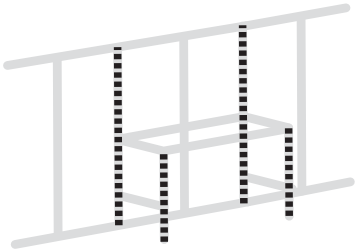
IMPORTANT: Make sure all corners are squared at 90 degrees.

2.11 Repeat step 2.10 inserting cable connectors S06 into profiles G02B and G01M. Cable rests over profile G17B. Slide connector until profile corners are square and cable is tight. Securely tighten second connector to hold in place.

Repeat steps 2.10A through 2.11 to attach cables to the back of the greenhouse.

Hex Key	QTY	Cable Connector	QTY	Cable	QTY
	1	 #S06	8	#S16	4

Assemble Sides

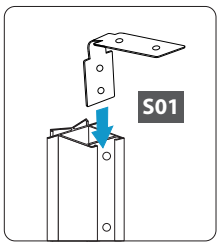


Place all the parts for the sides on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

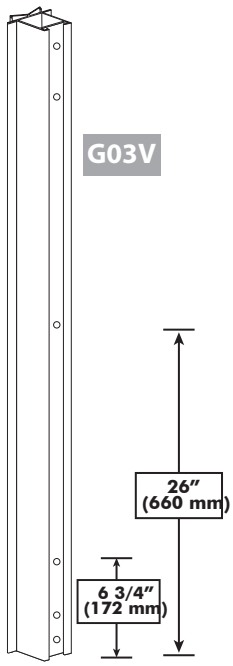
You are assembling both sides in the following steps. Both sides are identical until step 5.1

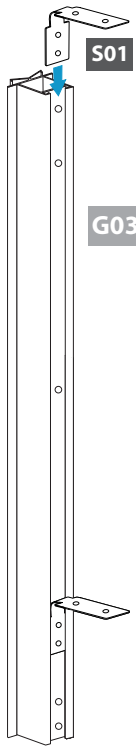
3.1A Line up the four profiles G03V so the holes are at the same position. Slide short side of connectors S01 into channel of profile until the last hole in S01 lines up with third hole from the bottom on profile G03V.

IMPORTANT: The holes are not at the midpoint of the profile.
Arrange profile so the 26" portion will be the bottom when standing.

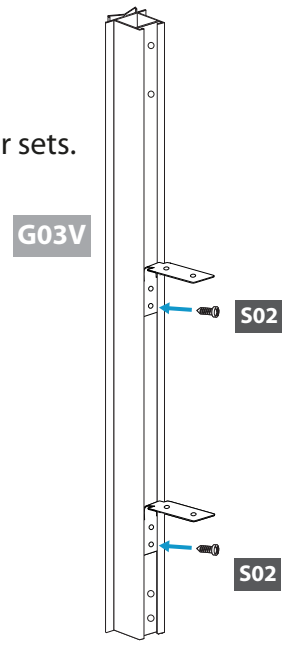


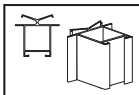
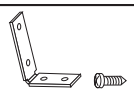
3.1B Slide another connector S01 so it lines up with the middle hole on profile G03V.



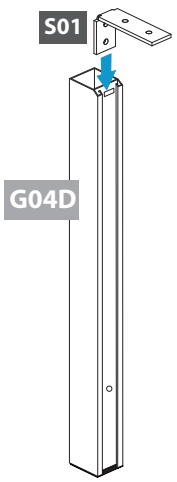


3.1C Secure all pieces with S02 screws. Repeat to make four sets.

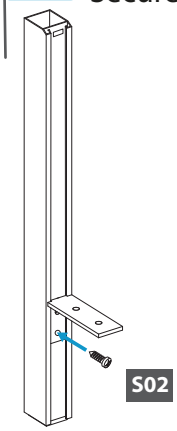


Profile		QTY	Connector		QTY
	#G03V	4		#S01 #S02	8 8

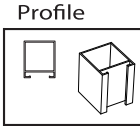
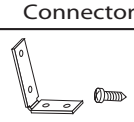
3.2A Lay out profiles G04D so the holes are at the same position. Slide short side of connector S01 into channel of profile, lining the last hole in S01 with the hole on profile G04D.



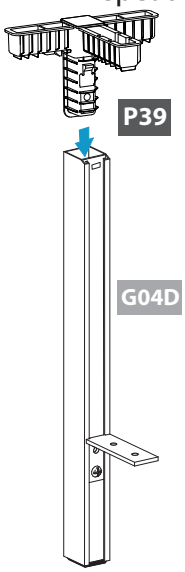
3.2B Secure with S02 screw. Repeat to make four sets.

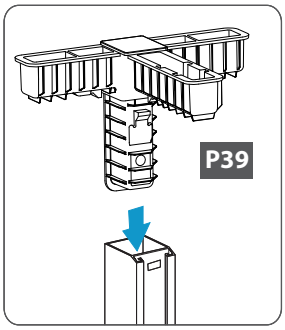


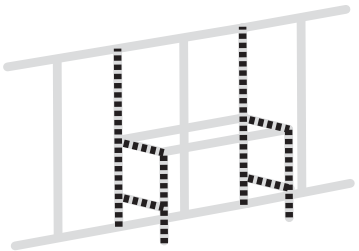
NOTE: ALL VIEWS ARE FROM INSIDE.

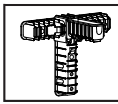
Profile		QTY	Connector		QTY
	#G04D	4		#S01 #S02	4 4

3.3 Slide connector P39 into profile G04D until it snaps into place. Repeat to make four sets.





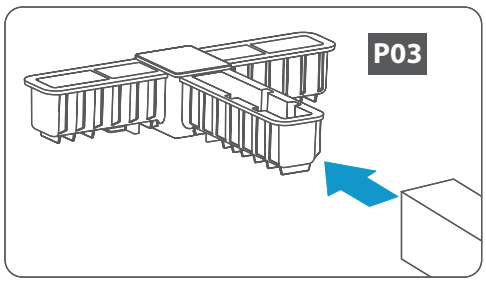


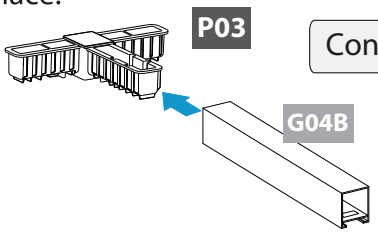
Connector	QTY
 #P39	4

Connector P39 CLICKS into place.

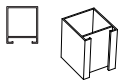
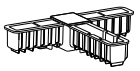
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

3.4 Slide connector P03 into profile G04B until it clicks into place.





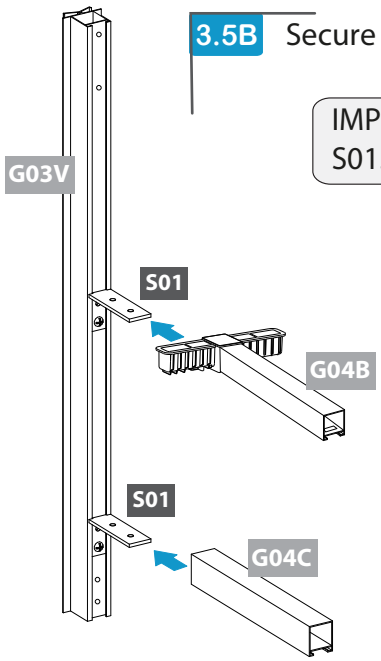
Connector P03 CLICKS into place.

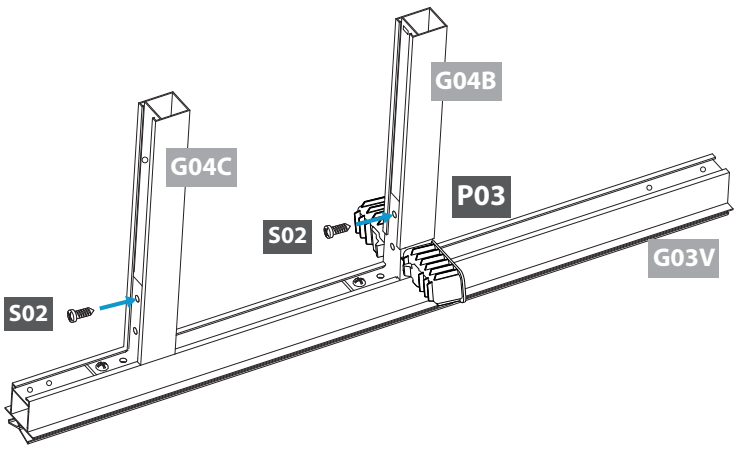
Profile	QTY	Connector	QTY
 #G04B	4	 #P03	4

3.5A Attach profiles G04B and G04C to profile G03V by sliding the long sides of connectors S01 **into the** channels. The last hole of connector S01 lines up with the holes in the profiles.

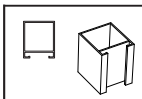
3.5B Secure with two S02 screws. Repeat to make four sets.

IMPORTANT: Connector P03 rests on top of connector S01. S02 screw secures P03 to profile G04B.



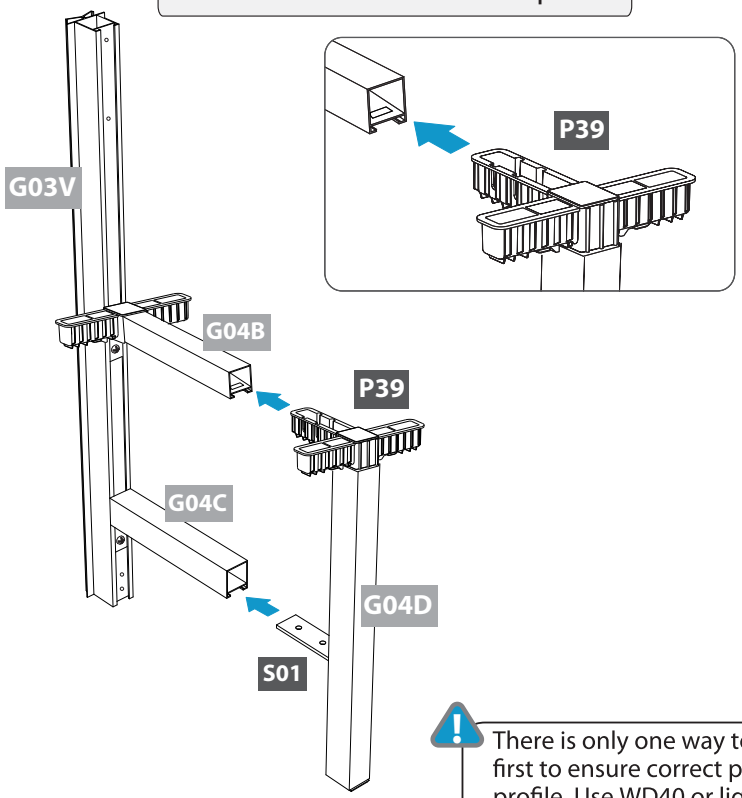


NOTE: ALL VIEWS ARE FROM INSIDE.

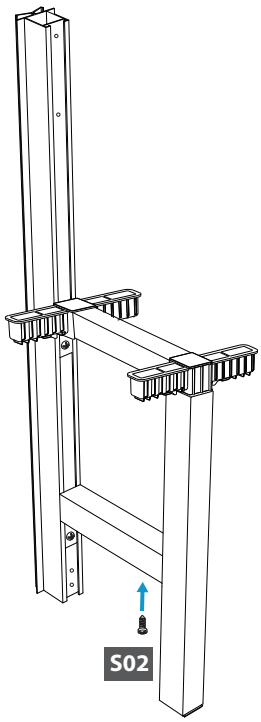
Profile	QTY	Screw	QTY
 #G04C	4	#S02	8

3.6A Connect profile G04D by sliding connector P39 into profile G04B until it snaps in place. Slide connector S01 into channel of G04C.

Connector P39 CLICKS into place.



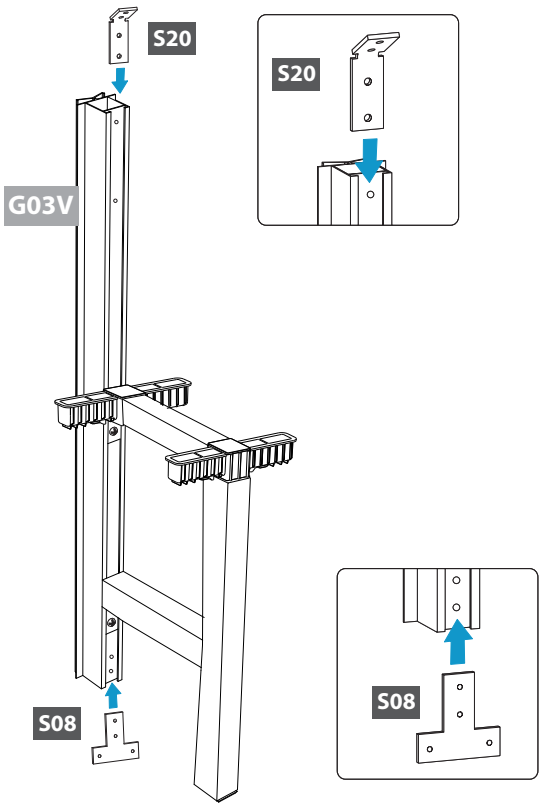
3.6B Secure with S02 screw. Repeat to make four sets.



Screw		QTY
	#S02	4

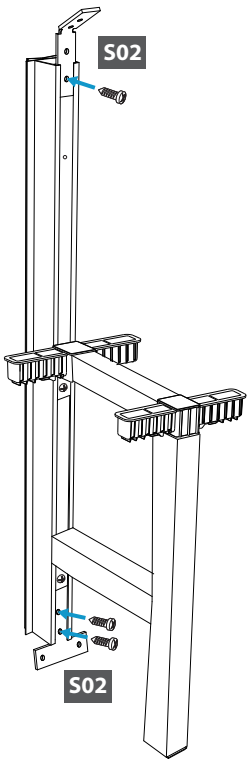
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

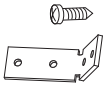
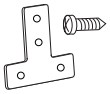
3.7A Slide long side of connectors S20 and S08 into channel of profile G03V.



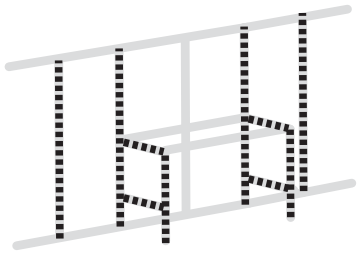
NOTE: ALL VIEWS ARE FROM INSIDE.

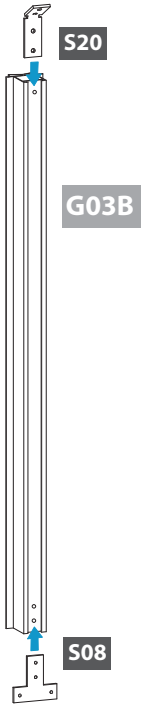
3.7B Secure with three S02 screws. Repeat to make four sets.



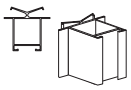
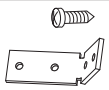
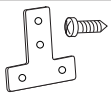
Connector		QTY	Connector		QTY
	#S02 #S20	4 4		#S02 #S08	8 4

3.8A Line up the four profiles G03B so the holes are at the same position. Slide long side of connectors S20 and S08 into channel of profile, lining up holes as shown.



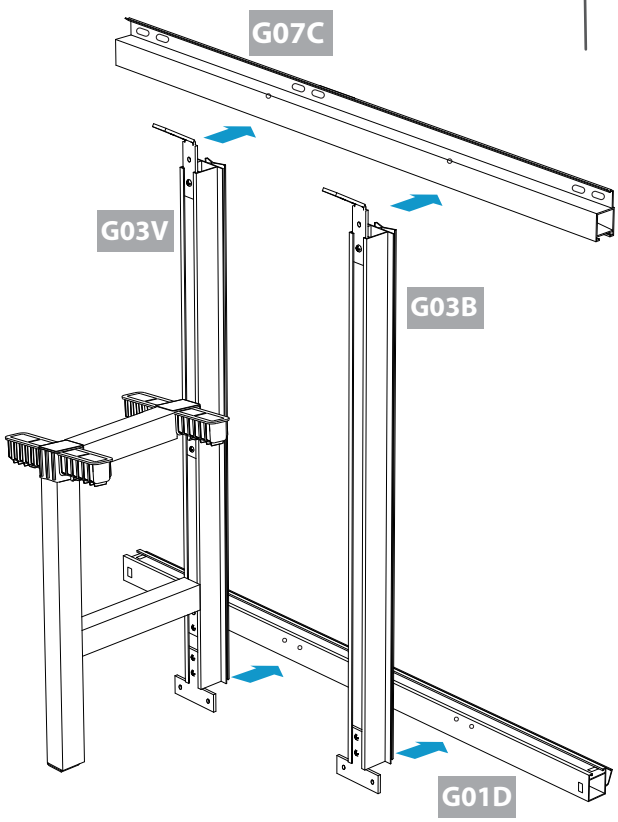


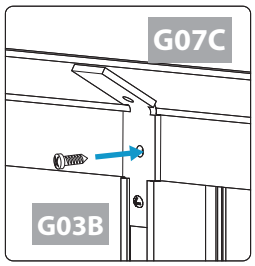
3.8B Secure with three S02 screws. Repeat to make four sets.

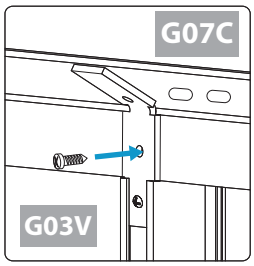
Profile		QTY	Connector		QTY	Connector		QTY
	#G03B	4		#S02 #S20	4 4		#S02 #S08	8 4

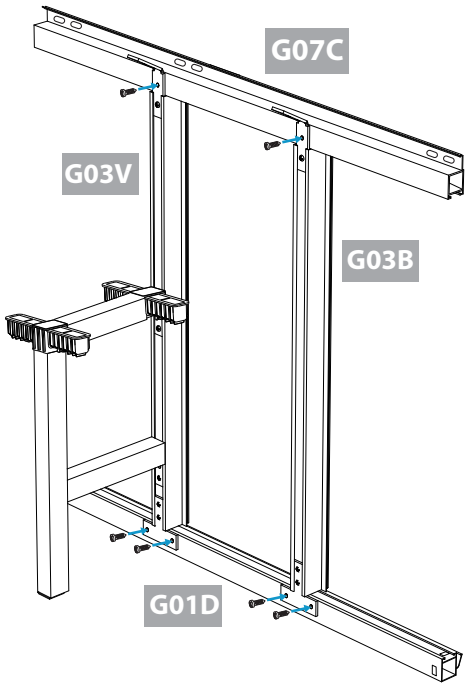
3.9A Place profiles G03B and G03V onto profiles G07C and G01D. Line up holes as shown.

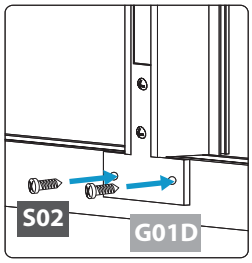
3.9B Secure with six S02 screws. Repeat to make two sets.



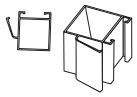
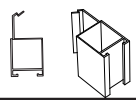






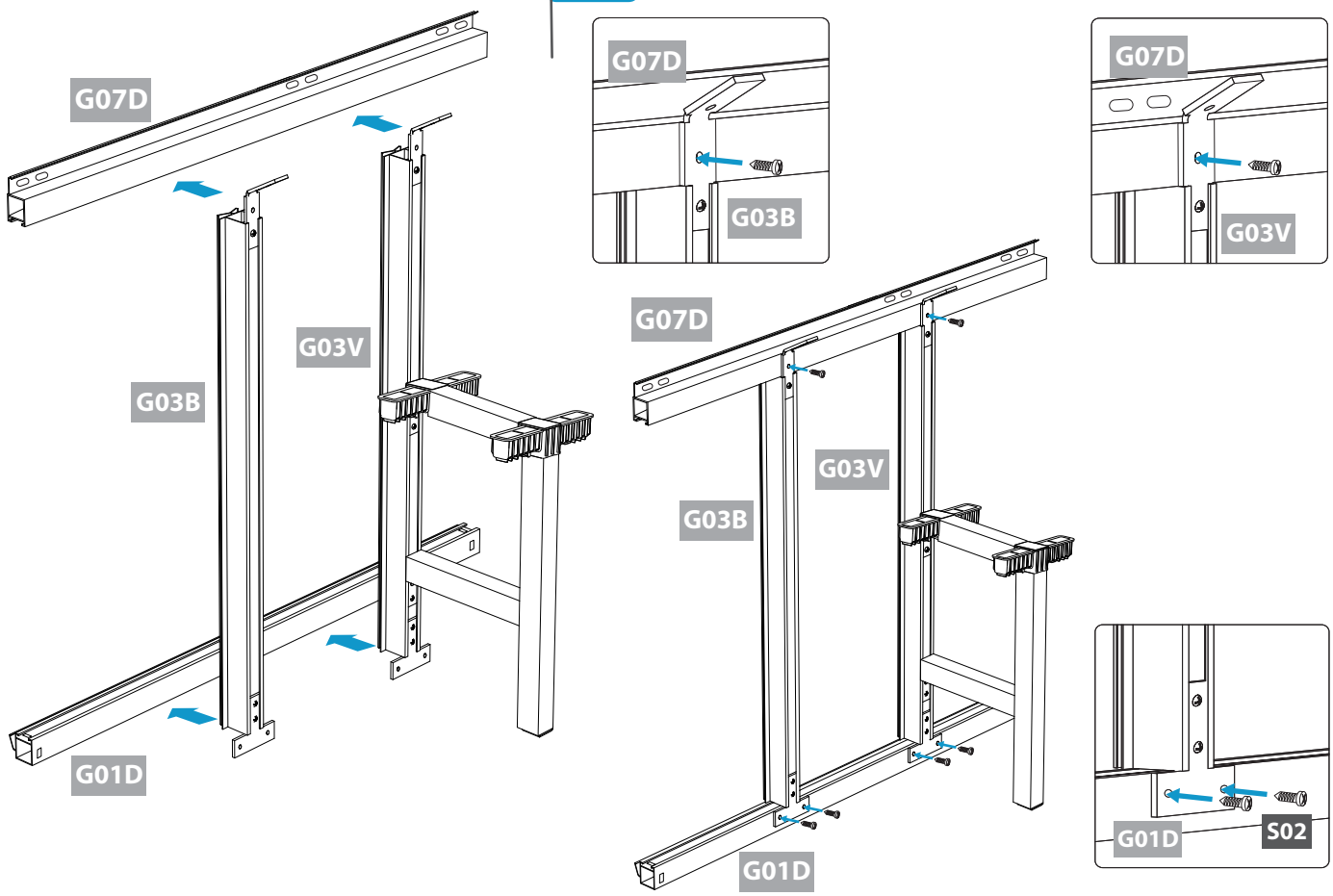


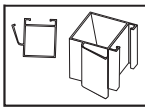
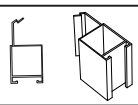
NOTE: ALL VIEWS ARE FROM INSIDE.

Profile		QTY	Profile		QTY	Screw		QTY
	#G01D	2		#G07C	2		#S02	12

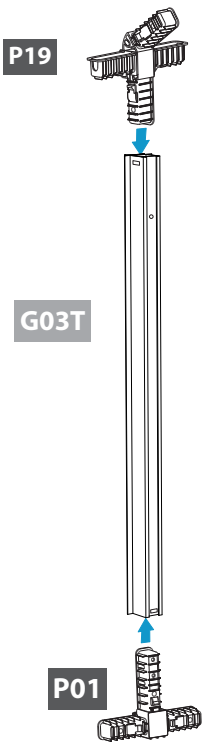
3.10A Place profiles G03B and G03V onto profiles G07D and G01D. Line up holes as shown.

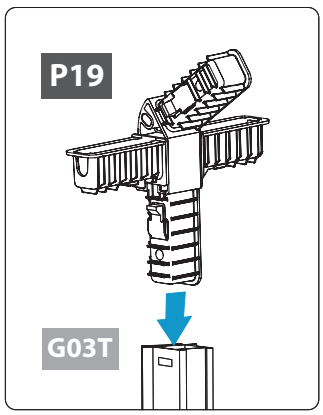
3.10B Secure with six S02 screws. Repeat to make two sets.



Profile		QTY	Profile		QTY	Screw		QTY
	#G01D	2		#G07D	2		#S02	12

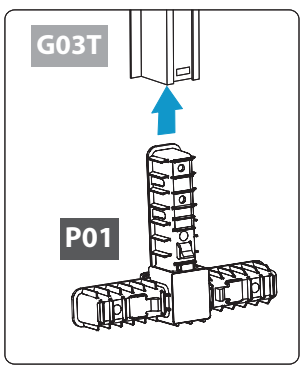
3.11 Slide connectors P01 and P19 into profile G03T until they click securely into place. Repeat to make two sets.

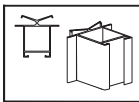
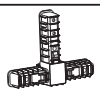




NOTE: ALL VIEWS ARE FROM INSIDE.

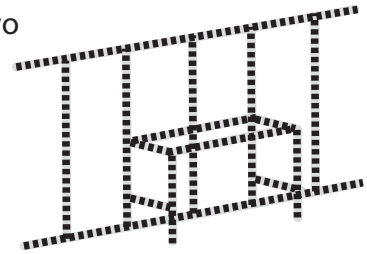
Connectors P01 and P19 CLICK into place.



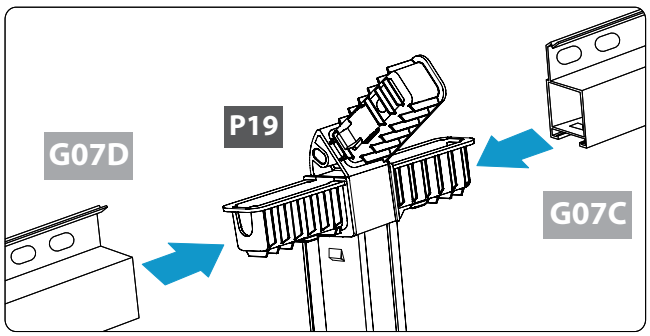
Profile		QTY	Connector		QTY	Connector		QTY
	#G03T	2		#P01	2		#P19	2

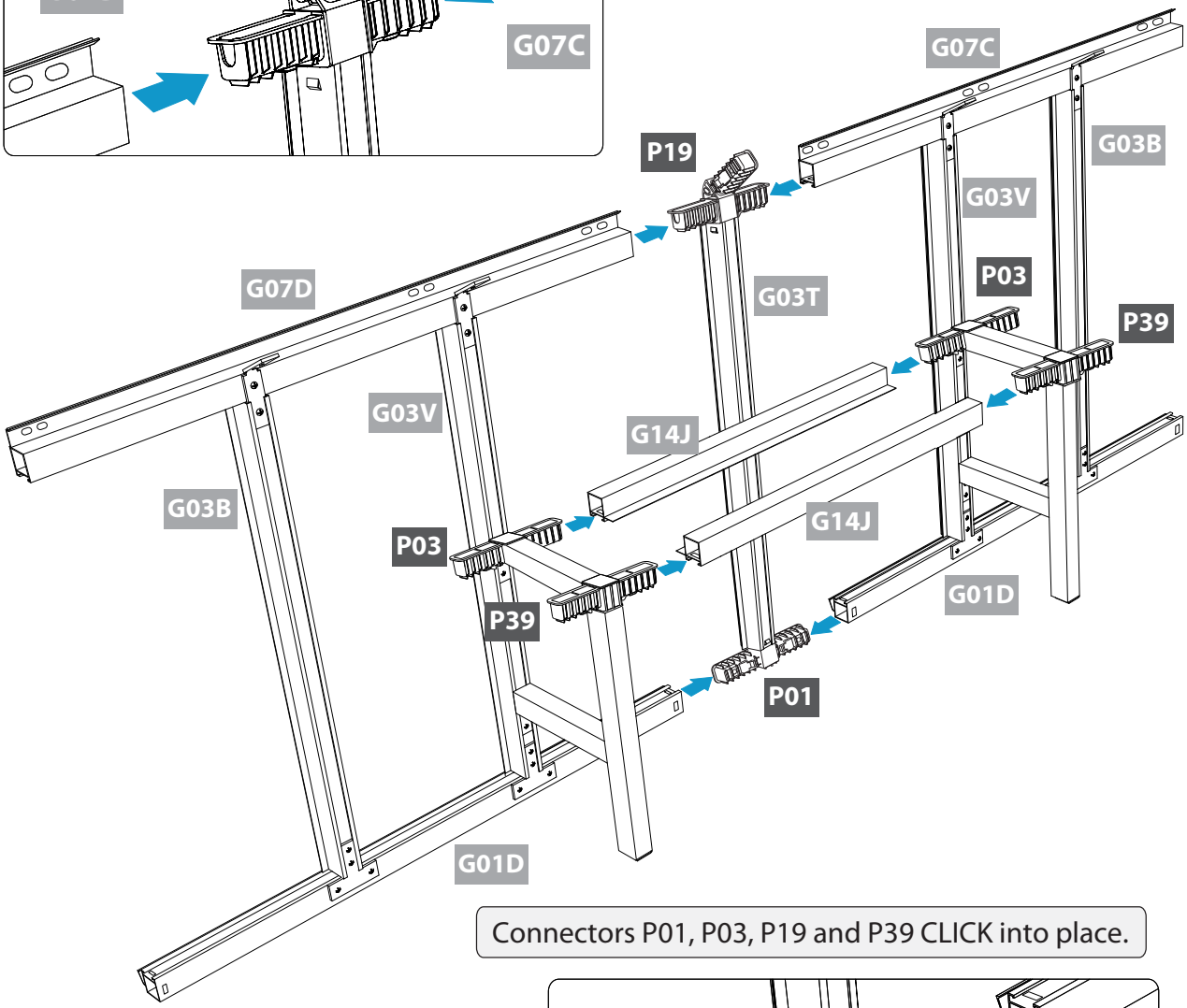
3.12

Carefully slide sections together as shown. We recommend using two people for this step. Repeat to make two sets.

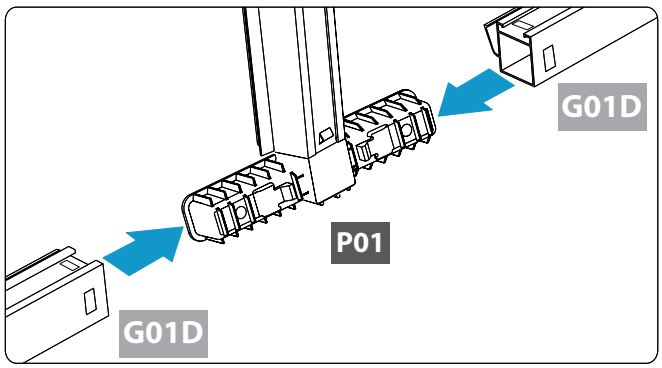


There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.



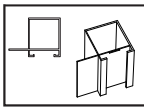


Connectors P01, P03, P19 and P39 CLICK into place.



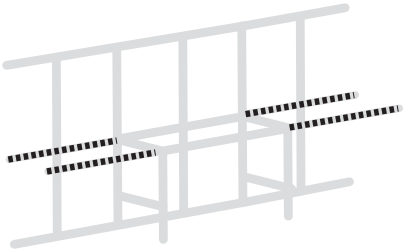
NOTE: ALL VIEWS ARE FROM INSIDE.

NOTE: The two sides are identical. When you connect them to the back, there will be a right and left side. Stand these up.

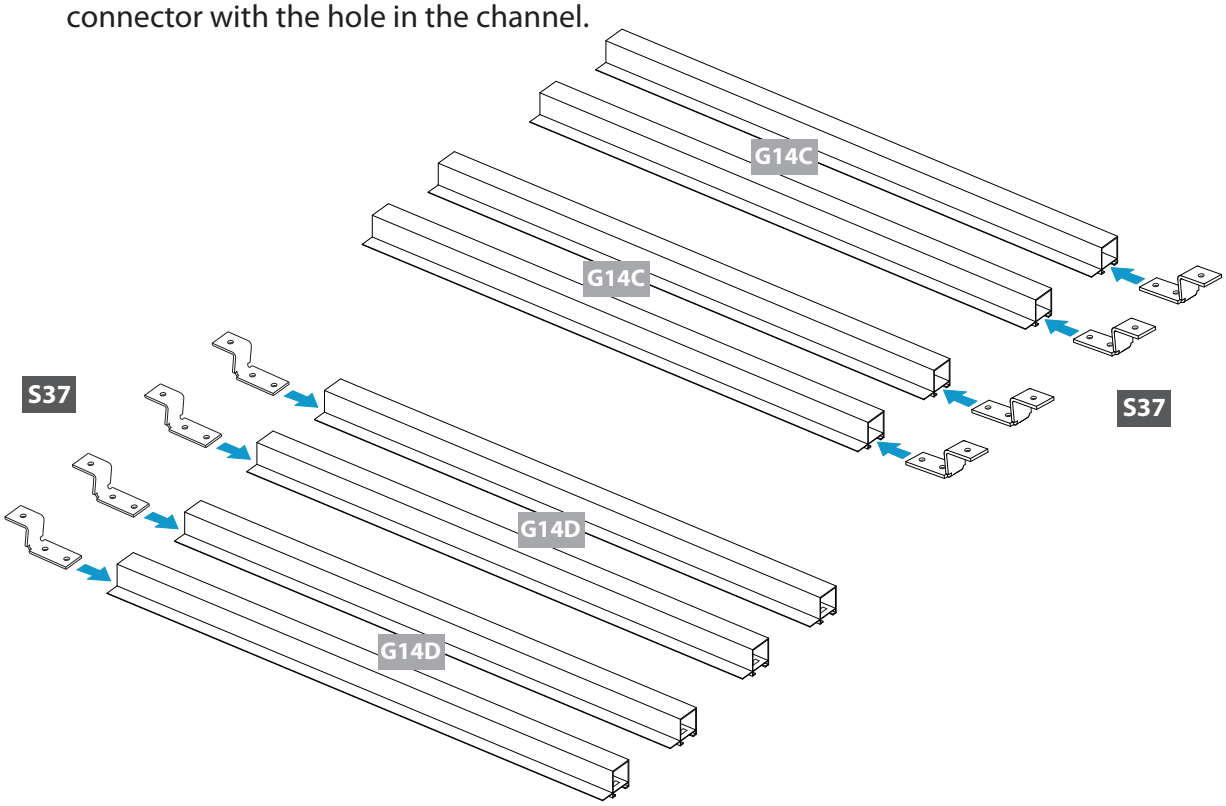
Profile		QTY
	#G14J	4

Prepare Shelves

Place all the parts for the shelves on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

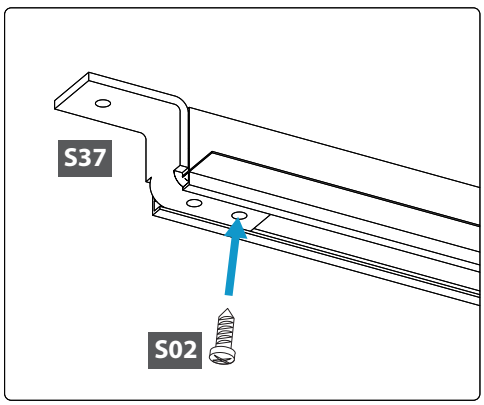


4.1A Line up the shelf profiles so the holes are at the same position. Slide long side of connector S37 into channel of each profile, lining up the last hole on the connector with the hole in the channel.



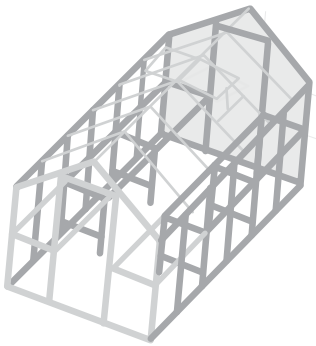
IMPORTANT: The shelf profiles have rectangular holes in the channel or side of one end.
Slide connector S37 into other side, lining up last hole in connector with hole in the channel.

4.1B Secure with S02 screw.



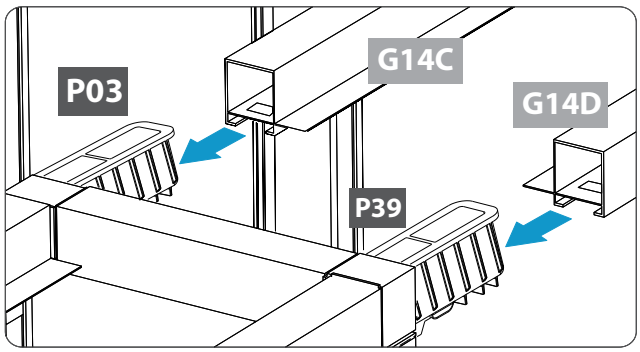
Profile		QTY	Connector		QTY
	#G14C	4		#S37	8
	#G14D	4		#S02	8

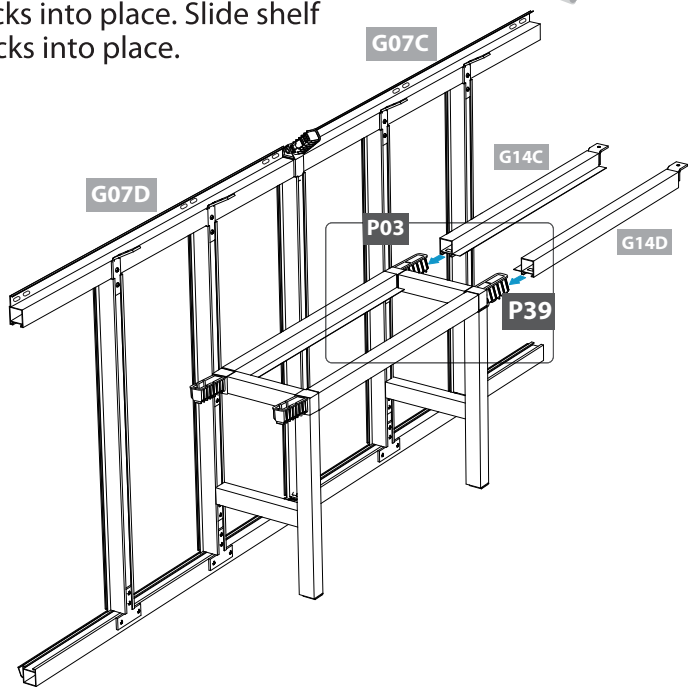
Connect Sides to Back



With the outside facing a wall, carefully stand back up and lean against the wall. Stand each side up and place next to the back. Both sides are identical until the shelf profiles are connected. Make certain that positions of profiles G07A and G07B match the diagrams before connecting.

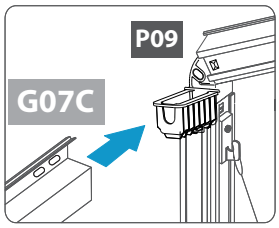
5.1A Set up one side facing inside with G07C next to the back. Slide shelf profile G14C into connector P03 until it clicks into place. Slide shelf profile G14D into connector P39 until it clicks into place.

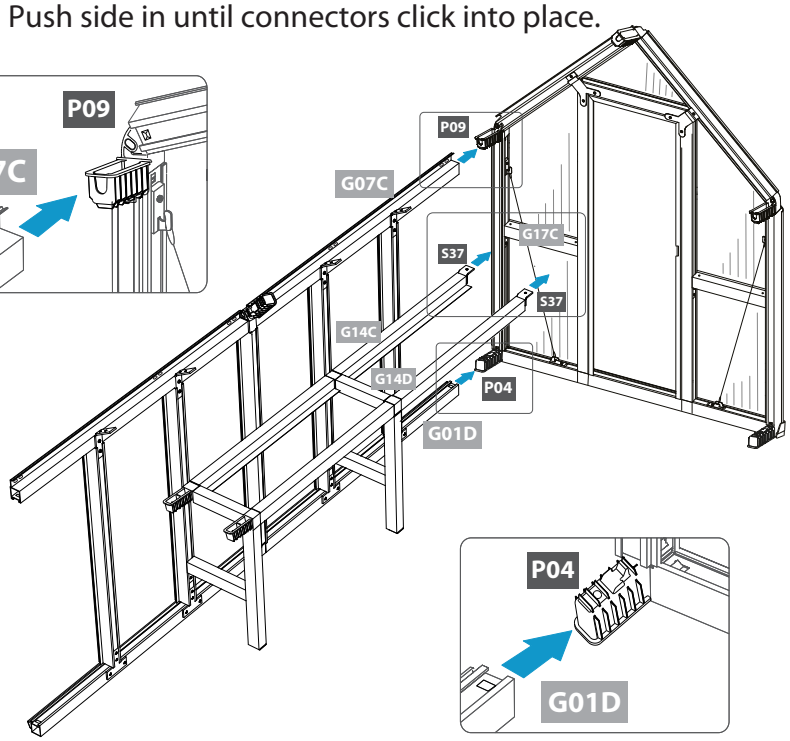


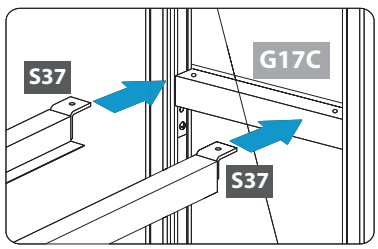


Connectors P03 and P39 CLICK into place.

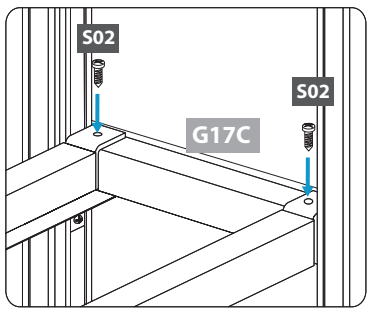
5.1B Carefully slide left side into back, lining up connectors with profiles. Move side so connectors P09 and P04 are half way into profiles G07C and G01D. Connectors S37 rest on top of profile G17C. Push side in until connectors click into place.







Secure connectors S37 to profile G17C with two S02 screws.



VIEWS FROM INSIDE.

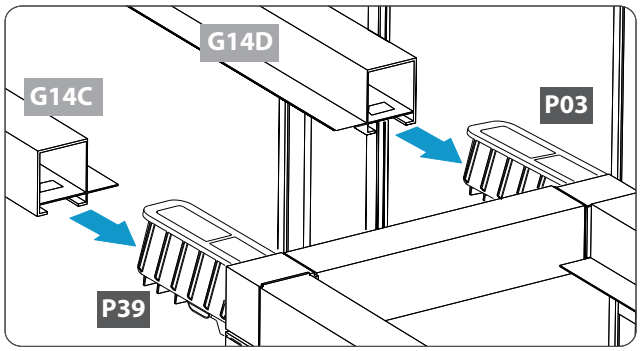
Connectors P04 and P09 CLICK into place.

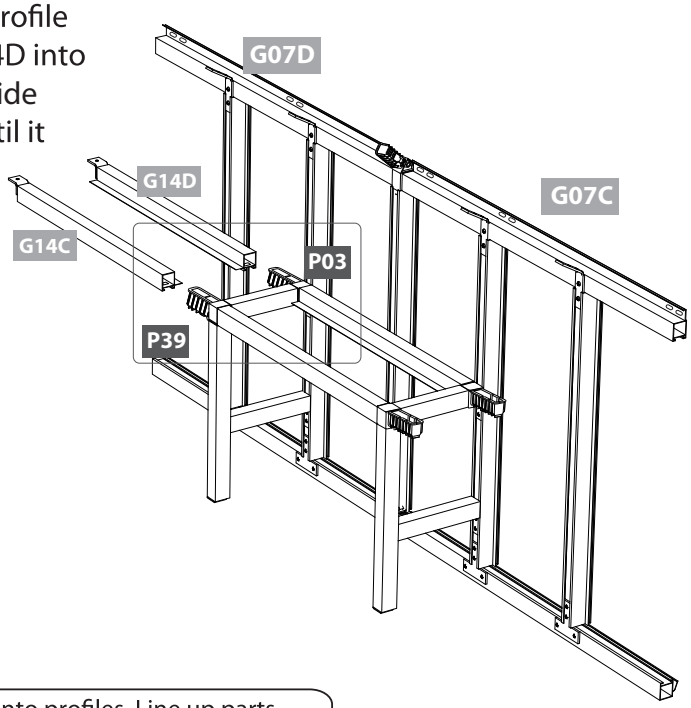
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

Screw		QTY
	#S02	2

5.2A

Set up the other side facing inside with profile G07D next to back. Slide shelf profile G14D into connector P03 until it clicks into place. Slide shelf profile G14C into connector P39 until it clicks into place.





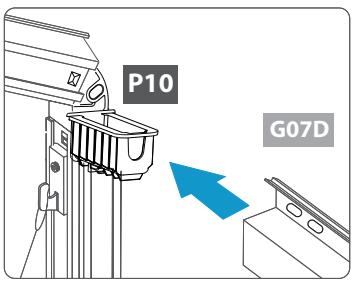
Connectors P03 and P39 CLICK into place.

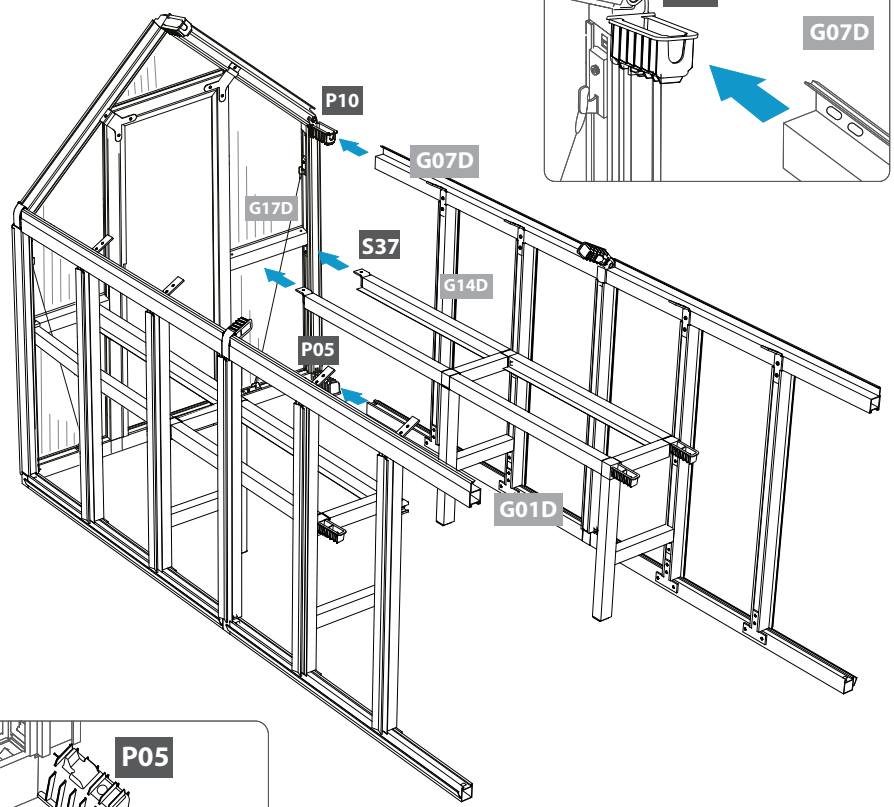
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

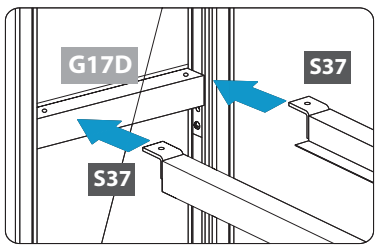
5.2B

Carefully slide right side into back, lining connectors up with profiles. Move side so connectors P10 and P05 are half way into profiles G07D and G01D. Connectors S37 rest on top of profile G17D. Push side in until connectors click into place.

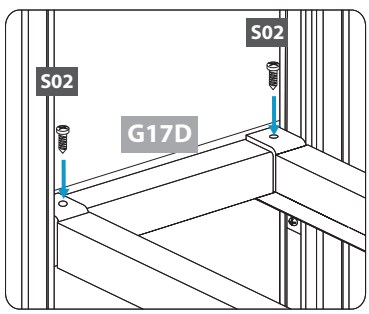
Connector P10 CLICKS into place.



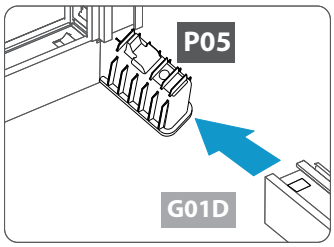




Secure connectors S37 to profile G17D with two S02 screws.



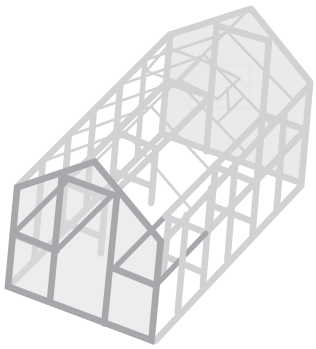
VIEWS FROM INSIDE.



Connector P05 CLICKS into place.

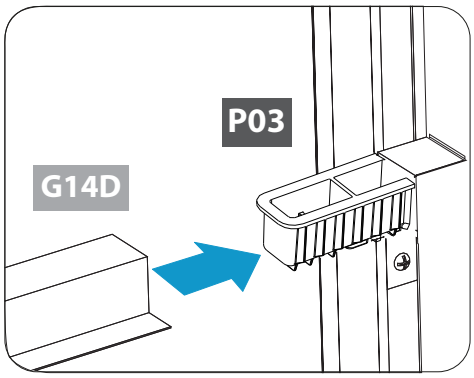
Screw	QTY
#S02	2

Connect Sides to Front

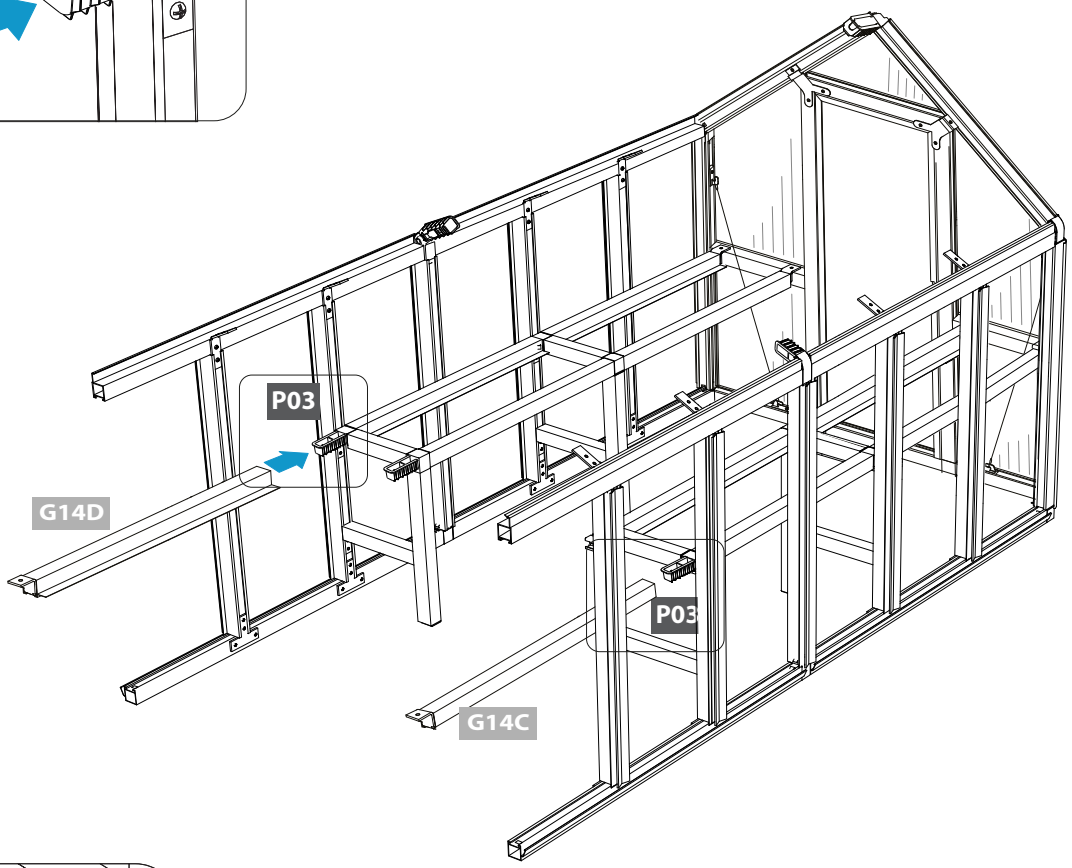


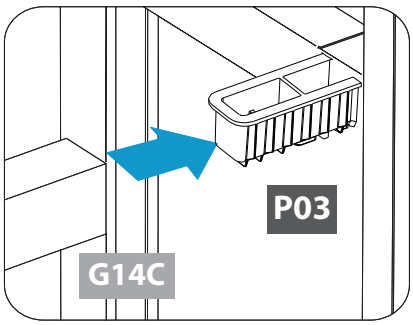
Keep the structure as is, with the back against the wall until you finish this step. This will make it easier to keep the angles square.

6.1 Slide shelf profile G14D into connector P03 on the left side until it clicks into place. Slide shelf profile G14C into connector P03 on the right side until it clicks into place.



Connectors P03 CLICK into place.



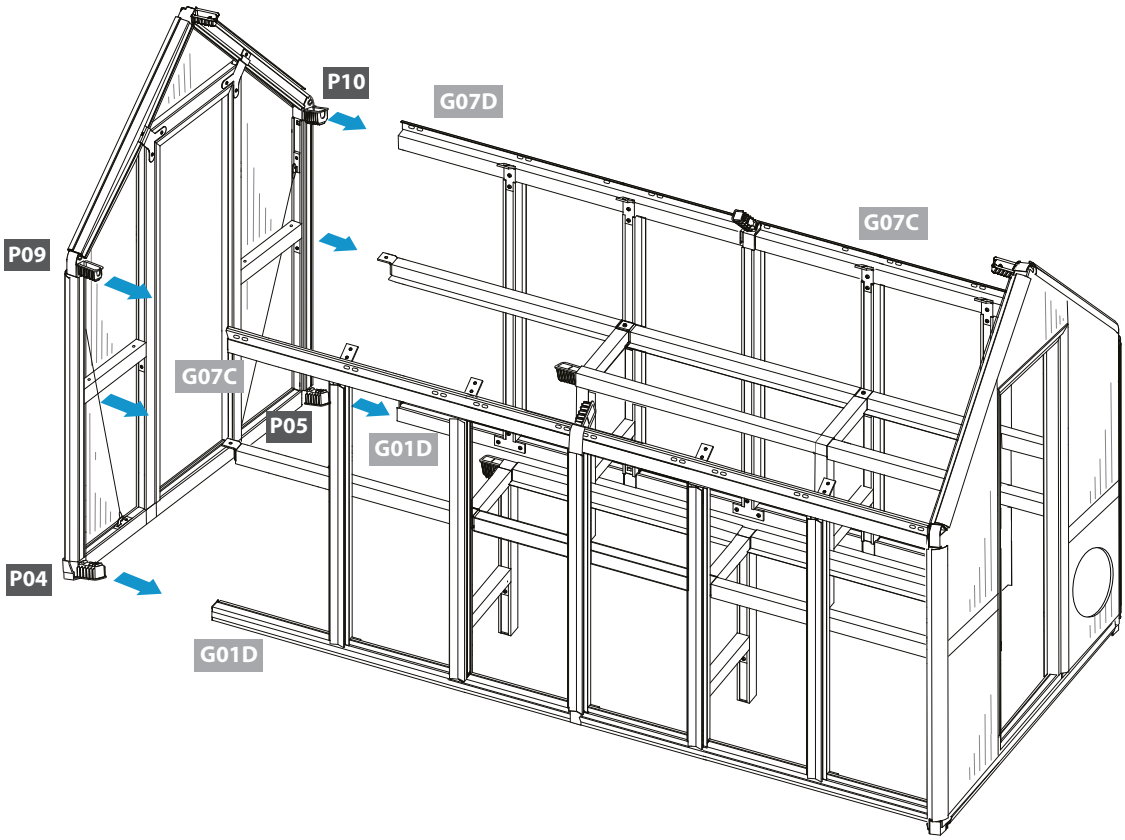


Connectors P03 CLICK into place.

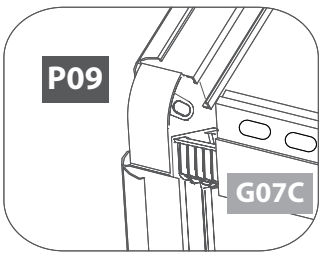
VIEWS FROM INSIDE.

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

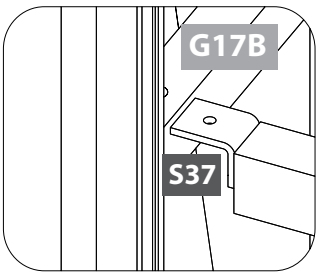
6.2A Lift front from inside and rest it next to sides. Line up connector P10 with profile G07D, connector P09 with profile G07C and connectors P04 and P05 with profiles G01D.

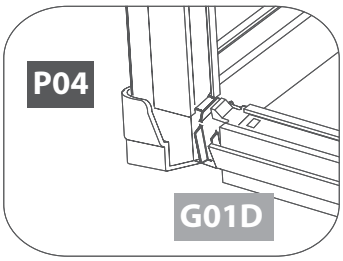


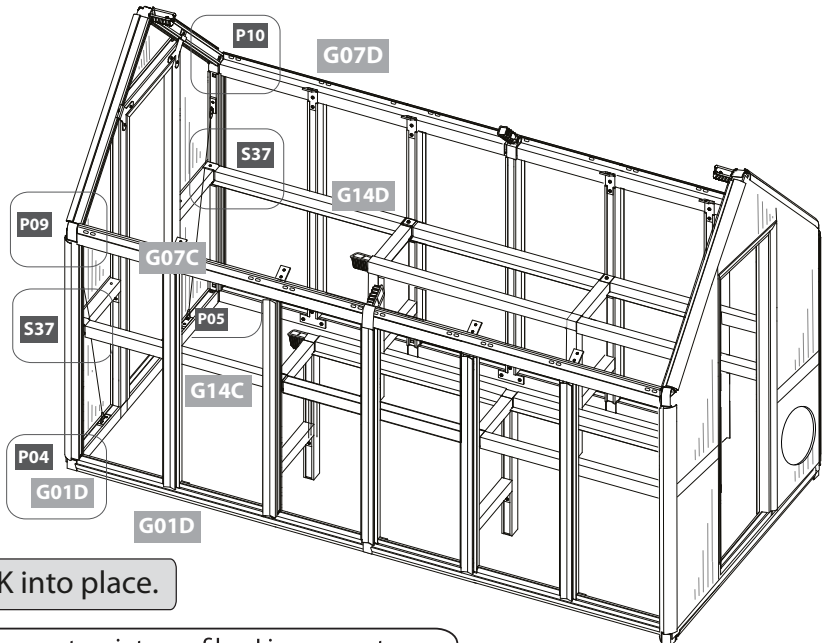
6.2B Carefully pull the front until all connectors are half way inside each profile. Make sure connector S37 attached to shelf profiles rest on top of profile G17B. Push front into sides until connectors click into place.



Connectors P09 and P10 CLICK into place.



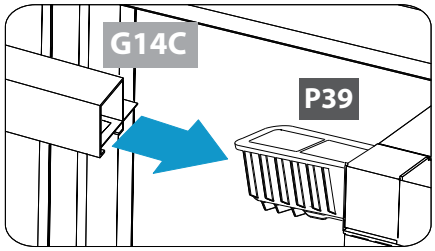




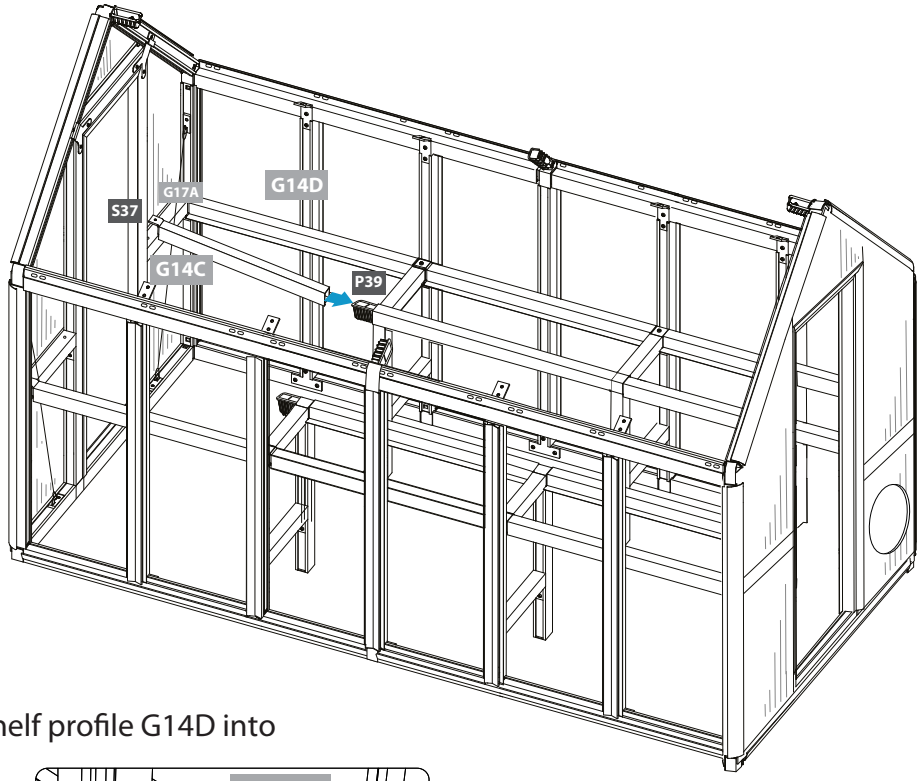
Connectors P04 and P05 CLICK into place.

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

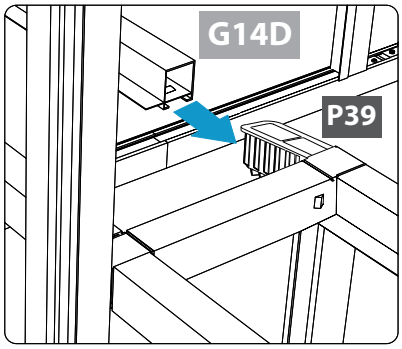
6.3A Slide shelf profile G14C at a slight angle so one end slides half way into connector P39 and the other side with connector S37 rests on top of profile G17A. Continue to slide until profile clicks into connector P39.



Connector P39 CLICKS into place.



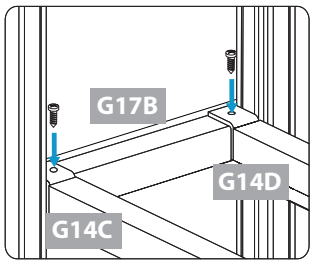
6.3B Repeat step 6.3A, sliding shelf profile G14D into P39 connector. Make sure connector S37 rests on top of profile G17B.

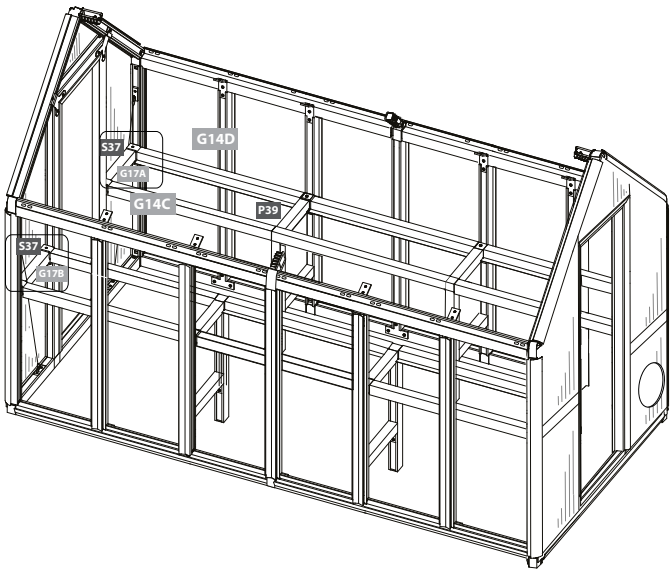


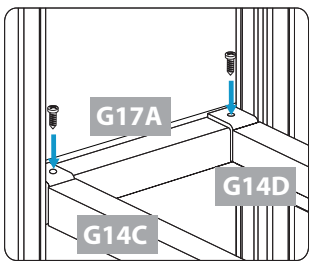
Connector P39 CLICKS into place.

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

6.3C Secure S37 connectors to profiles G17A and G17B with four S02 screws.



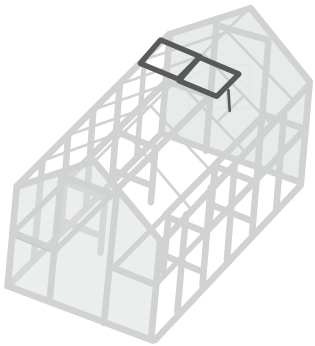




VIEWS FROM INSIDE.

Screw		QTY
	#S02	4

Prepare Roof Vents

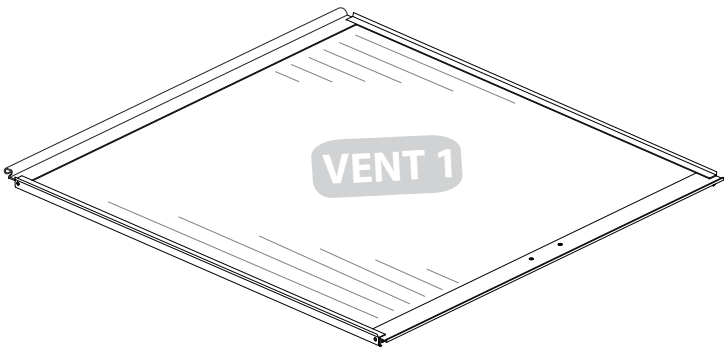


Place all the parts for both roof vents and handles on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

The roof vents are partially assembled at the factory. Remove plastic film on both sides of panels before installing. Finish assembly with the outside facing the ground. ALL VIEWS ARE SHOWN FROM INSIDE.

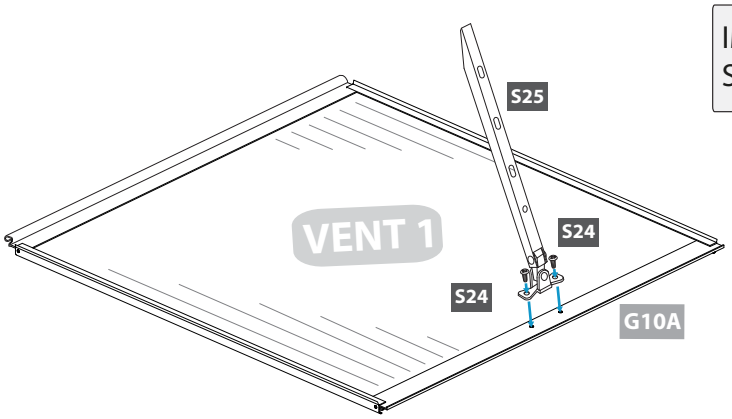
IMPORTANT: This greenhouse is equipped with one MANUAL vent handle (S25 installed in step 7.1B and one AUTOMATIC vent handle (auto vent opener installed in step 8.13). The auto vent opener is packed separately.

7.1A Remove protective plastic from both sides of panels on each VENT 1. Place side to face the sun facing down.

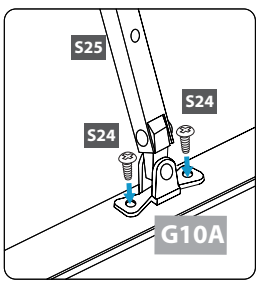


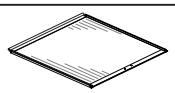
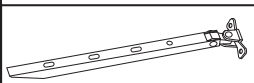
Remove protective plastic from EACH side of clear panels before installing. Dispose of plastic properly. Install with outward curved side FACING DOWN.

7.1B Attach handle S25 to profile G10A with two S24 screws. NOTE: You will install the handle to the second roof vent in step 8.13.

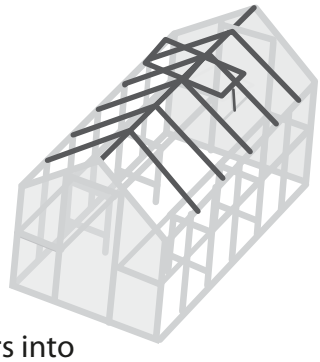


IMPORTANT: Hollow side of handle S25 faces down when attached.



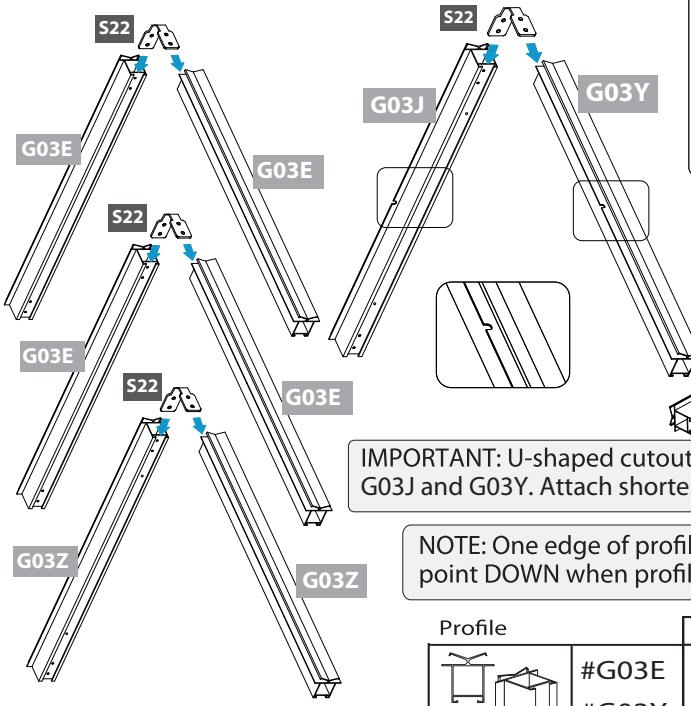
VENT 1	QTY	Handle		QTY	Screw		QTY
	2		#S25	1		#S24	2

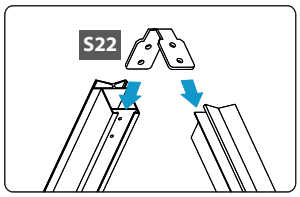
Connect Gables and Roof Vents



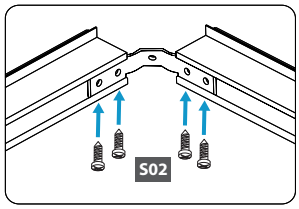
Place all the parts for the gables on a level surface.
Make sure the pieces are in the correct positions before assembling.
Please carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including shoes, gloves and goggles.

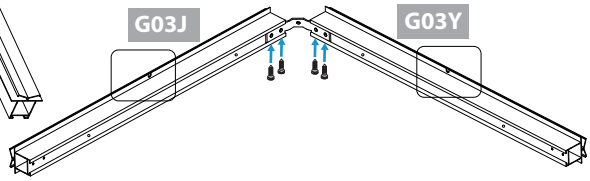
8.1A Line up gable profiles with four S22 connectors as shown. Slide S22 connectors into channels of two sets of profiles G03E. Slide S22 connectors into channels of profiles G03Z. Slide S22 connector into channels of profiles G03J and G03Y.





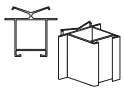
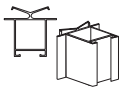
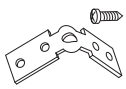
8.1B Secure each set with four S02 screws.





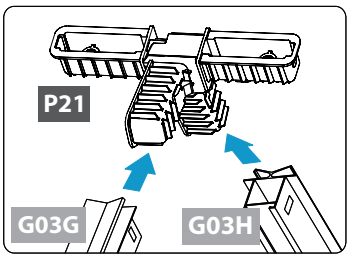
IMPORTANT: U-shaped cutout is not at midpoint of profiles G03J and G03Y. Attach shorter side (26.5") to connector S22.

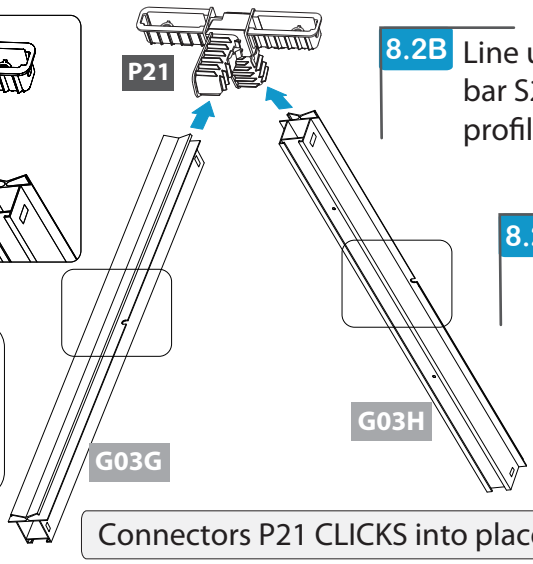
NOTE: One edge of profiles are shaped. Stickers with arrows are placed on that edge and point DOWN when profiles are installed. These stickers are NOT next to connector S22.

Profile		QTY	Profile		QTY	Connector		QTY
	#G03E	4		#G03J	1		#S02	16
	#G03Y	1		#G03Z	2		#S22	4

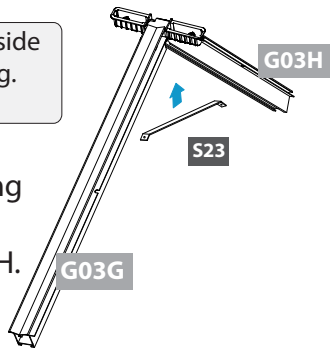
8.2A Slide connector P21 into profiles G03G and G03H until it clicks securely into place.

IMPORTANT: u-shaped cutout is not at midpoint of profiles G03G and G03H. Attach shorter side (26.5") to connector P21. Make sure connector P21 is positioned correctly before connecting.
NOTE: Stickers with arrows are NOT next to connector P21.

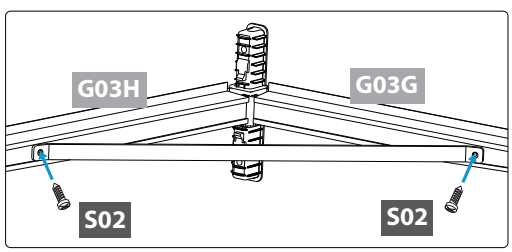




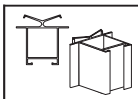
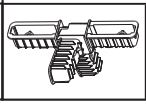
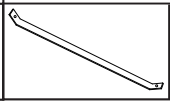
8.2B Line up holes on bracing bar S23 with holes in profiles G03G and G03H.



8.2C Secure brace to profiles with two S02 screws.

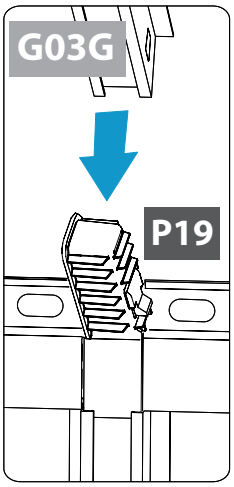


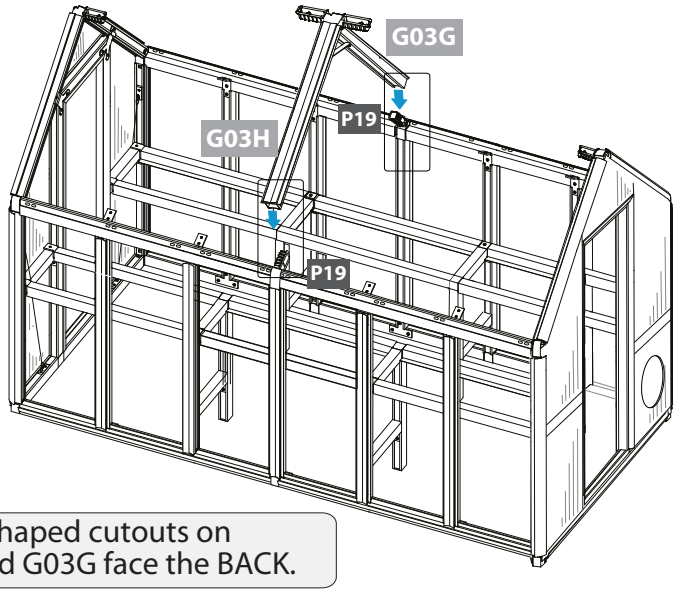
Connectors P21 CLICKS into place.

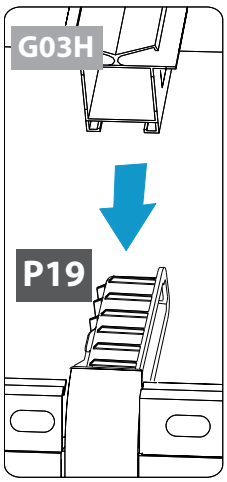
Profile		QTY	Connector		QTY	Screw		QTY	Brace		QTY
	#G03G	1		#P21	1		#S02	2		#S23	1
	#G03H	1									

8.3 From the inside of the greenhouse, use two people to carefully lower center gable onto frame. Line up and slide profiles G03H and G03G into connectors P19 until they click securely into place.

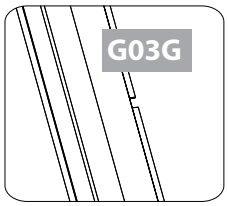
Connectors P19 CLICK into place.

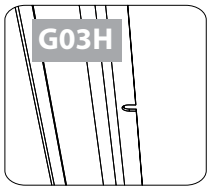






IMPORTANT: U-shaped cutouts on profiles G03H and G03G face the BACK.

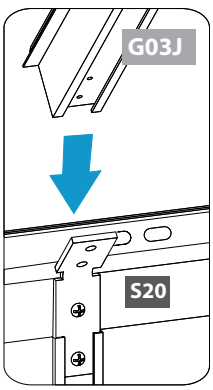




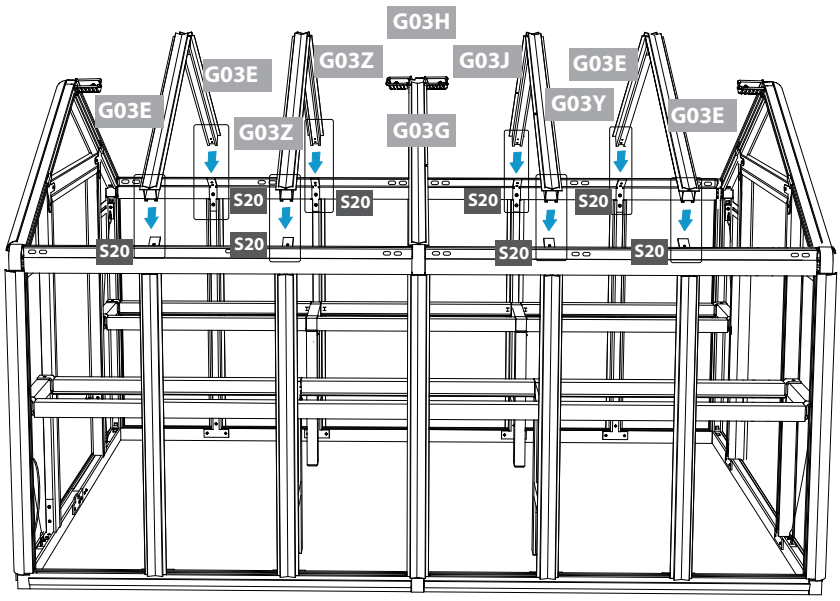
NOTE: One edge of profiles G03H and G03G are shaped. Stickers with arrows are placed on that edge and point DOWN when profiles are installed.

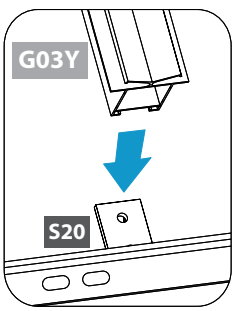
There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

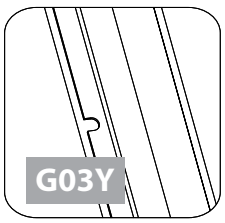
8.4 From the inside of the greenhouse, use two people to carefully lower front and back gables onto frame. Line up and slide connectors S20 into channels of profiles G03E, G03J, G03Y and G03Z.



IMPORTANT: U-shaped cutouts on profiles G03Y and G03J face the FRONT.



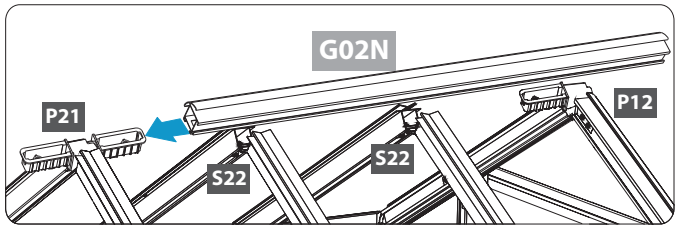




NOTE: One egede of profiles G03E, G03J, G03Y and G03Z are shaped. Stickers with arrows are placed on that edge and point DOWN when profiles are installed.

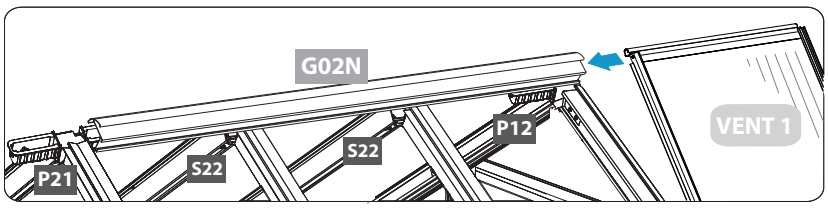
8.5A Using a small step ladder inside the greenhouse, carefully slide profile G02N half way into center connector P21 at a slight angle.

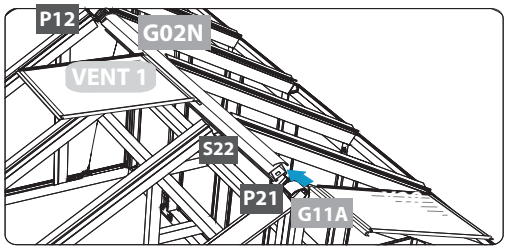
IMPORTANT: Have the roof vents nearby. You will install the roof vent BEFORE connecting both sides of G02N It is best to use two people for this step.



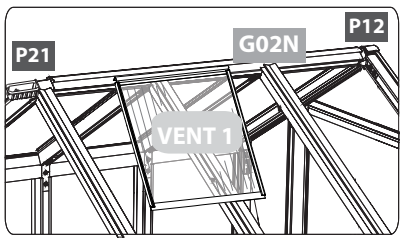
IMPORTANT: Make sure profile G02N is in correct position before installing. Arrange profile G02N so rectangular holes in channels face the LEFT when looking at the front of the greenhouse from the outside.

8.5B Attach roof vent with handle to profile G02N. With handle facing inside of greenhouse, slide top of first roof vent into V-channel of profile G02N. Slide roof vent to center of profile G02N. Attach second roof vent without handle to other side of profile G02N. Slide top of second roof vent into V-channel of profile G02N. Note: Roof vents are prepared in step 8.



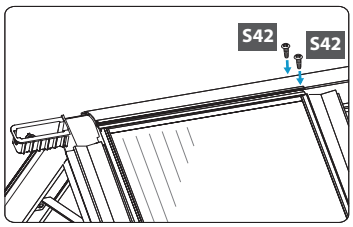


8.5C Gently push center gable slightly towards the front to slide other end of profile G02N into back connector P12. Make sure both connectors snap securely into place.
Note: G02N profile rests on top of connector S22.



Connectors P12 and P21 CLICK into place.

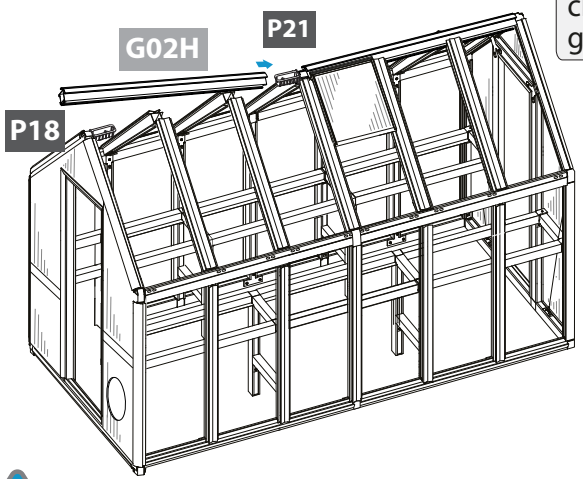
8.5D Slide roof vent end of profile G02N next to center connector P21. Screw S42 into hole in top of each side G02N to hold roof vents in place.

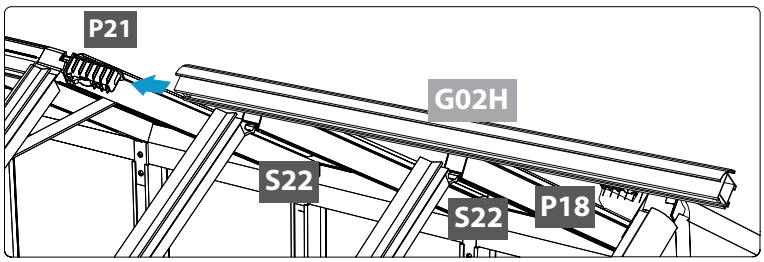


Profile		QTY	Screw		QTY
	#G02N	1		#S42	2

8.6 Slide profile G02H at a slight angle into center gable connector P21. Gently push front side slightly forward to slide other end of profile into connector P18. Make sure both connectors click securely into place. Note profile G02H rests on top of S22 connectors.

IMPORTANT: Arrange profile G02H so rectangular holes in channels face the LEFT when looking at the front of the greenhouse from the outside.



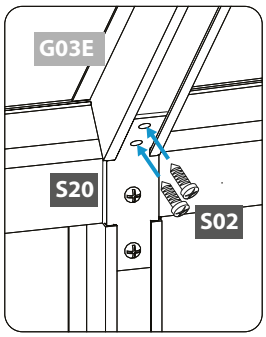


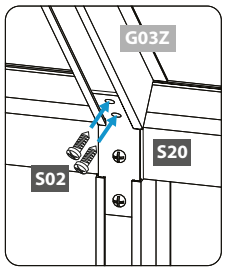
Connectors P18 and P21 CLICK into place.

There is only one way to properly fasten connectors into profiles. Line up parts first to ensure correct placement. Slide connectors until they CLICK securely into profile. Use WD40 or liquid soap if pieces do not easily slide together. Wear gloves.

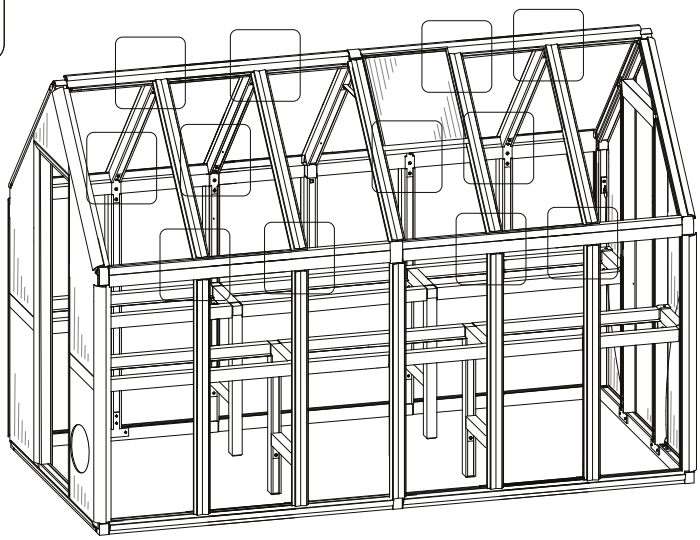
Profile		QTY
	#G02H	1

8.7A From inside of greenhouse secure S20 connectors to profiles G03E, G03Z, G03Y and G03J with two S02 screws.

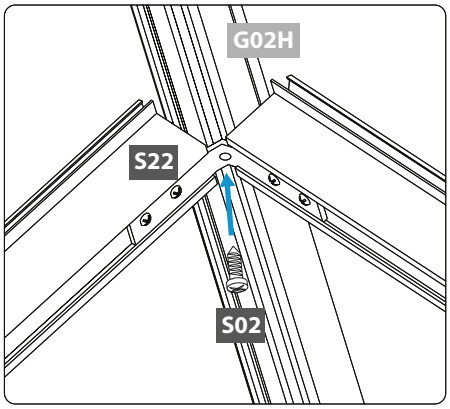




VIEWS FROM INSIDE.



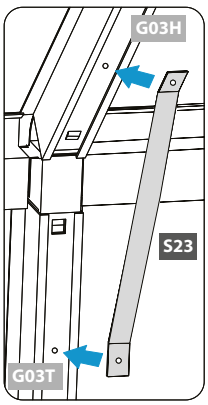
8.7B Secure S22 connectors to profiles G02G with one S02 screw.

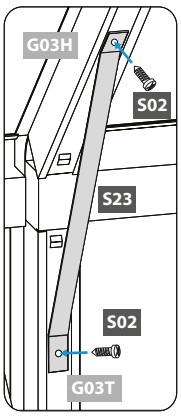


VIEWS FROM INSIDE.

Screw		QTY
	#S02	20

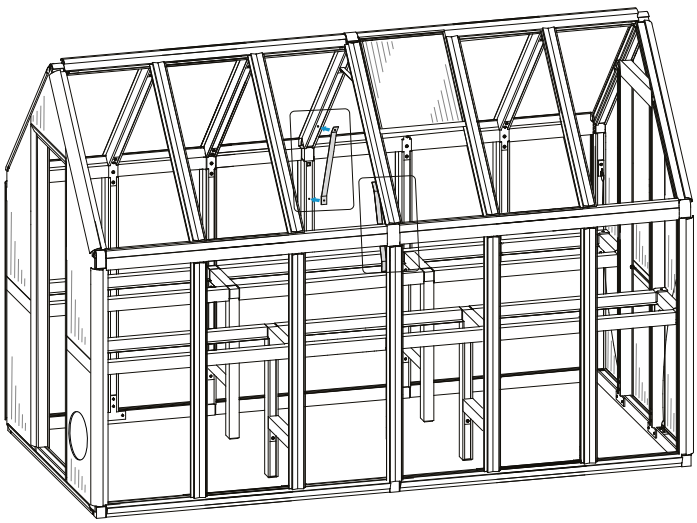
8.8A From inside of greenhouse, line up bracing profile bar S23 with holes in profiles G03T. Secure one S02 screw partially into each end. Then go back and tighten both screws.

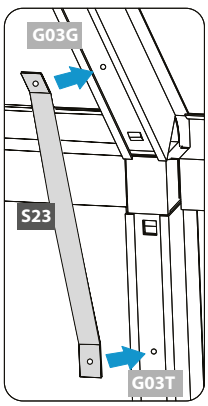


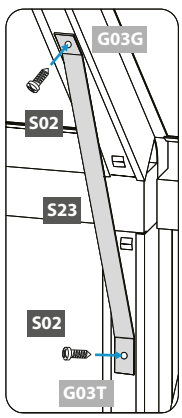


VIEWS FROM INSIDE.

8.8B Line up bracing bar S23 with profiles G03H and G03G. Secure one S02 screw partially into each end. Tighten both screws.



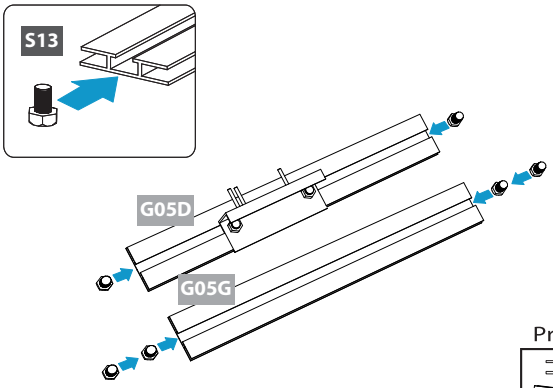




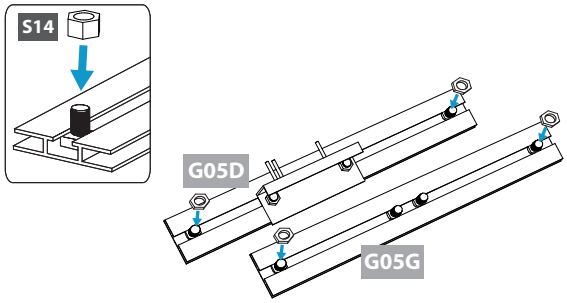
VIEWS FROM INSIDE.

Screw		QTY	Brace		QTY
	#S02	16		#S23	8

8.9A Slide two S13 hex bolts into channel of profile G05D an four S13 hex bolts into channel of profile G05G.



8.9B Screw two S14 hex nuts onto bolts on ends of each profile. Do not completely tighten.



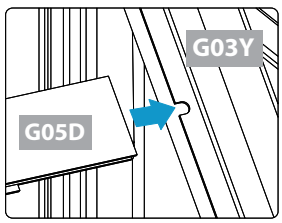
Profile		QTY	Profile		QTY	Bolt / Nut		QTY
	#G05D	1		#G05G	1		#S13 #S14	6 4

8.10 Unpack contents of Auto Vent Opener. Follow instruction manual included with Auto Vent Opener to assemble.

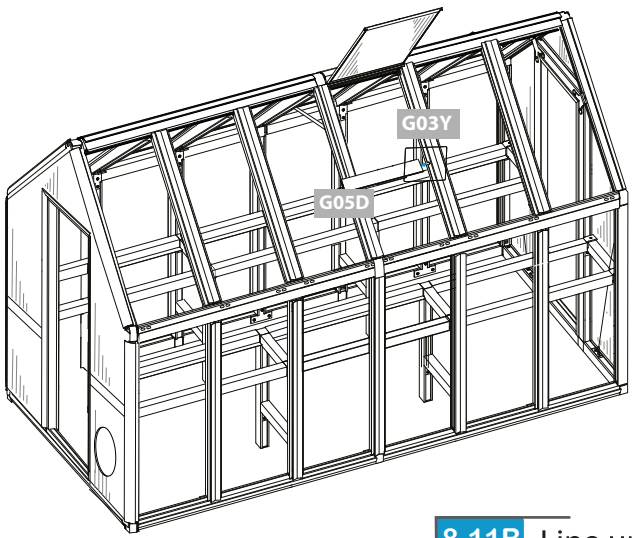
NOTE: The Auto Vent Opener will be installed to the vent in step 8.13.

Handle	QTY	Cylinder	QTY	Hair Pin Clip	QTY	Rivet/Washer	QTY
	1		1		1		2 2

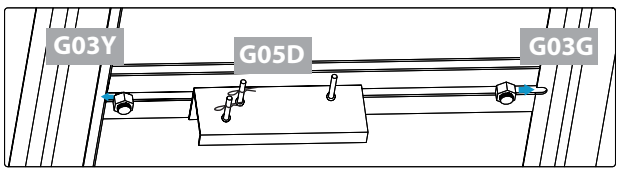
8.11A With pins facing up on the inside of the greenhouse, slide end of profile G05D into V-channel of profile G03Y. Angle it slightly to fit the other end into V-channel of profile G03G.



VIEW FROM OUTSIDE.

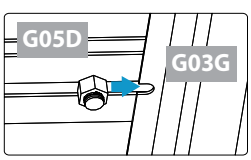


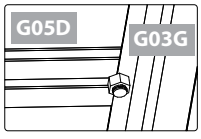
IMPORTANT: Make sure the pins face UP on INSIDE of the greenhouse when profile G05D is installed.



NOTE: G05D has two hairpin clips used to secure the handle of the vent to prevent it from moving in high winds. See Step 8.11C for more details.

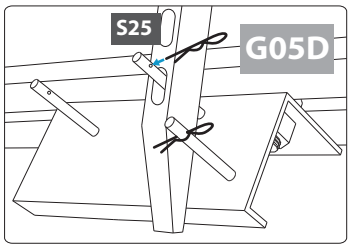
8.11B Line up G05D channel with U-shaped cutouts in profiles G03Y and G03G. Slide hex nut and bolts into U-shaped notches and tighten securely.

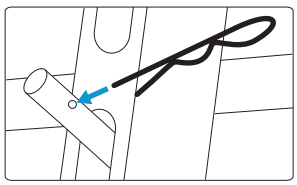




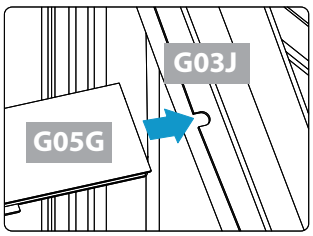
VIEWS FROM INSIDE.

8.11C Use the hairpin clips connected to G05D to secure the handle and prevent the vent from opening and closing in high winds.

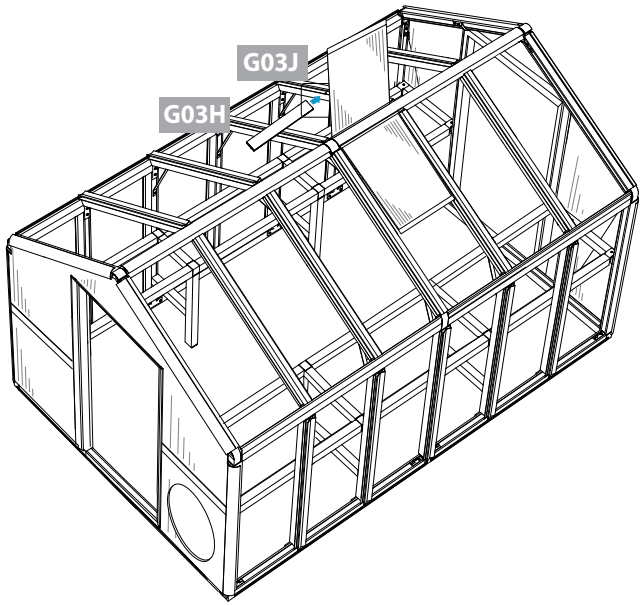




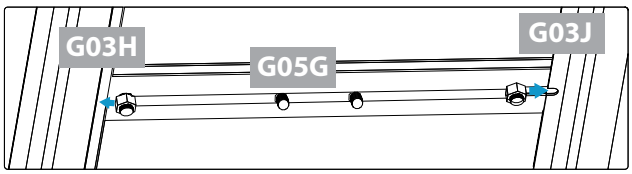
8.12A With bolts on the inside of the greenhouse, slide one end of profile G05G into V-channel of profile G03H. Angle it slightly to fit the other end into V-channel of profile G03J.

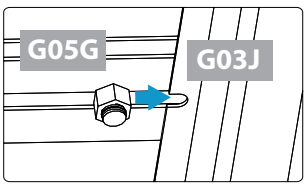


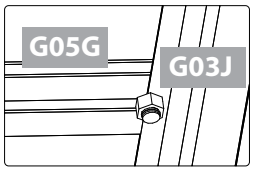
VIEW FROM OUTSIDE.



8.12B Line up G05G channel with U-shaped cutouts in profiles G03H and G03J. Slide hex nut and bolts into U-shaped notches and tighten securely.

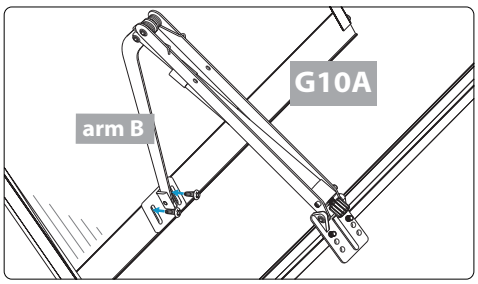


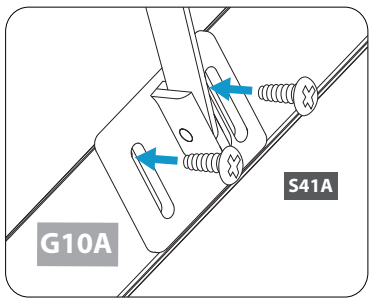




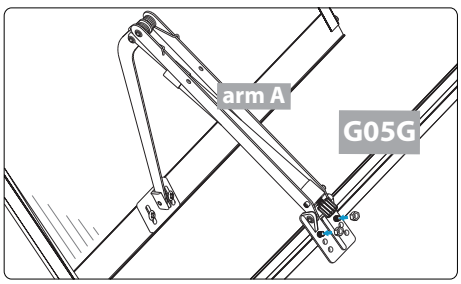
VIEWS FROM INSIDE.

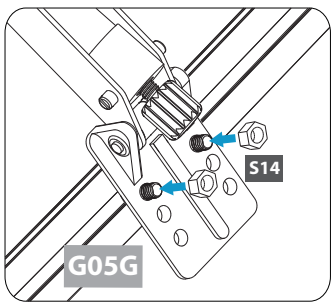
8.13A From the inside of the greenhouse open arms of auto vent slightly. Line up window bracket on arm B to holes in vent profile G10A and attach with two S41A screws.





8.13B Slide bolts in channel of profile G05G until they fit into holes on end of arm A. Secure with two S14 hex nuts.

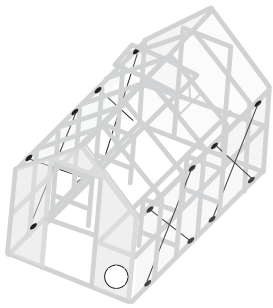




NOTE: ALL VIEWS ARE FROM INSIDE.

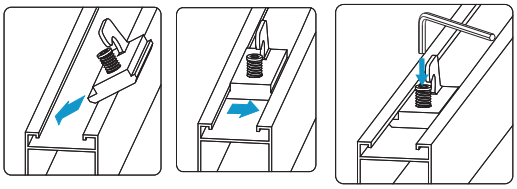
Nut / Screw		QTY
	#S14	2
	#S41A	2

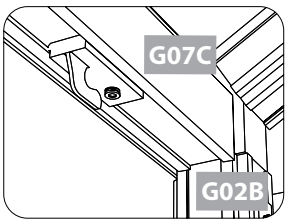
Brace Sides



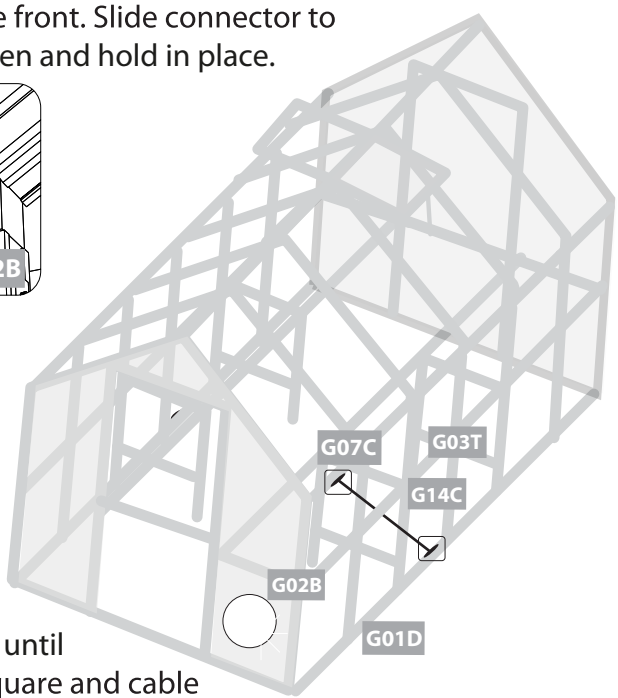
Place all the parts for bracing the sides on a level surface.
Make sure the pieces are in the correct positions before assembling.
Please carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including shoes, gloves and goggles.

9.1A From the inside of the greenhouse, insert long side of cable connector S06 into profile channel G07C with hook facing the front. Slide connector to other side of channel. Use hex key to securely tighten and hold in place.

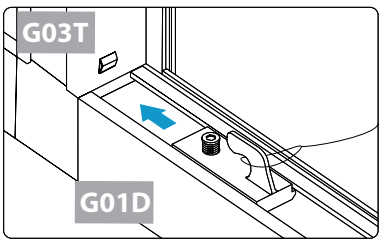




IMPORTANT: Make sure all corners are squared at 90 degrees.

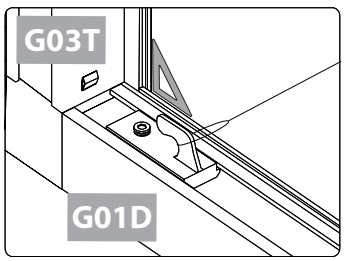


9.1B Attach one side of long cable S07 to hook and lace behind profile G14C. Attach other side of cable to a second S06 cable connector. With hook facing the back, insert connector into profile channel G01D.



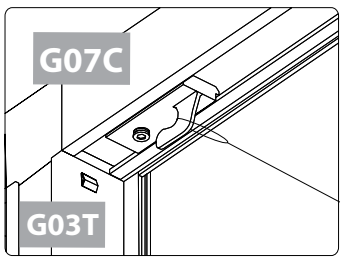
VIEWS FROM INSIDE.

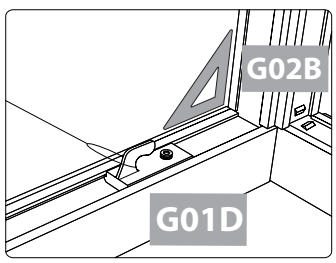
9.1C Push towards center until profile corners are square and cable is tight. Use hex key to securely tighten and hold in place.



IMPORTANT: Make sure all corners are squared at 90 degrees.

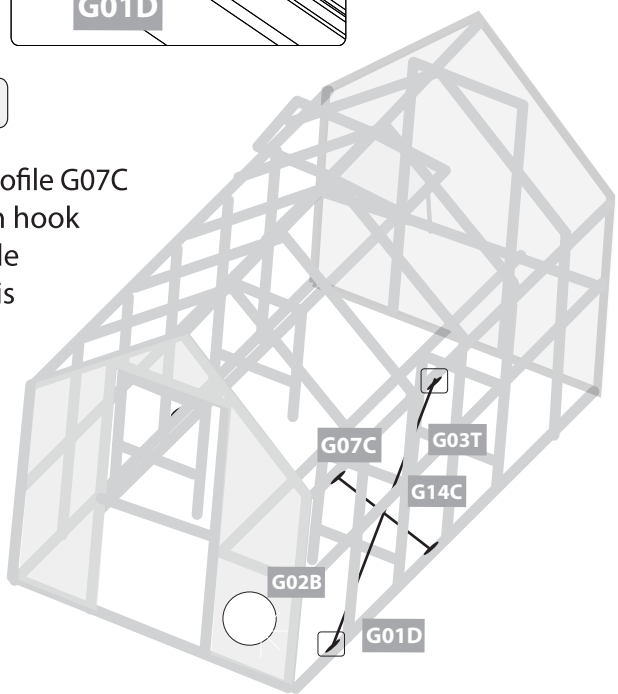
9.2 Repeat step 9.1 inserting cable connectors S06 into profile G07C with hook facing the back and into profile G01D with hook facing the front. Cable rests behind profile G14C. Slide connector until profile corners are square and cable is tight. Use hex key to securely tighten second connector and hold in place.

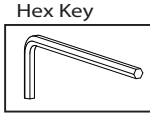
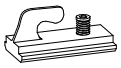
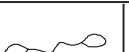




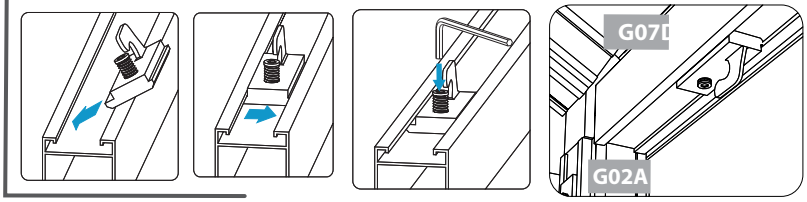
VIEWS FROM INSIDE.

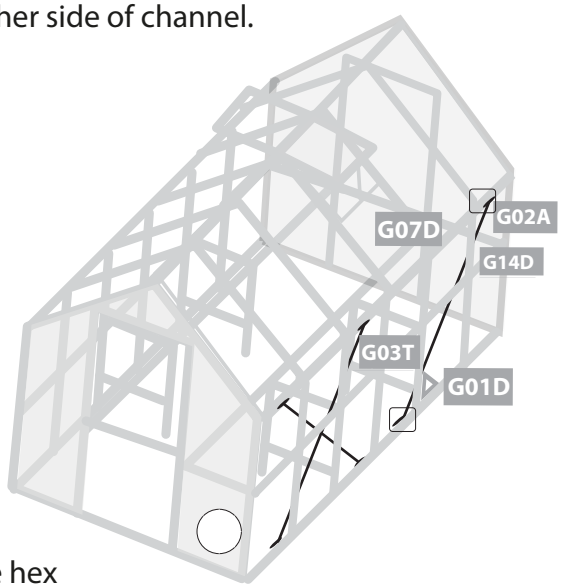
IMPORTANT: Make sure all corners are squared at 90 degrees.



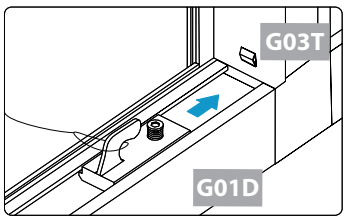
Hex Key	QTY	Cable Connector		QTY	Cable		QTY
	1		#S06	4		#S07	2

9.3A From the inside of the greenhouse, insert long side of cable connector S06 into channel of profile G07D with hook facing the back. Slide connector to other side of channel. Use hex key to securely tighten and hold in place.

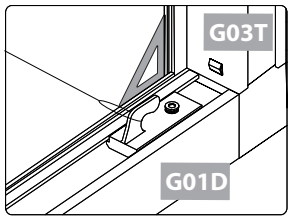




9.3B Attach one side of long cable S07 to hook and lace behind profile G14D. Attach other side of cable to a second S06 cable connector. With hook facing the front, insert connector into channel of profile G01D.



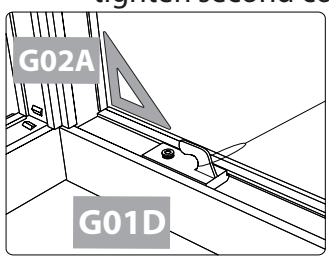
9.3C Push towards center until profile corners are square and cable is tight. Use hex key to securely tighten and hold in place.

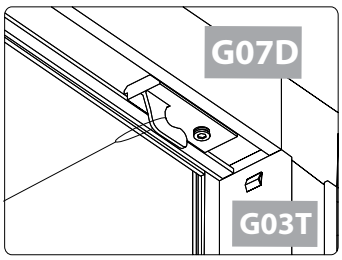


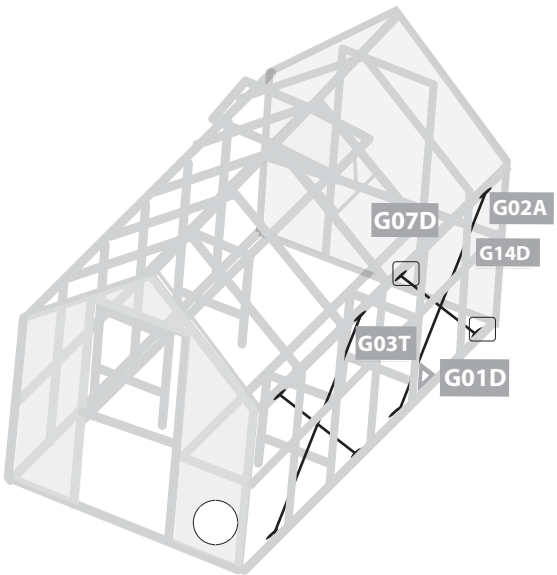
VIEWS FROM INSIDE.

IMPORTANT: Make sure all corners are squared at 90 degrees.

9.4 Repeat step 9.3 inserting cable connectors S06 into profile G07D with hook facing the front and into profile G01D with hook facing the back. Cable rests behind profile G14D. Slide connector until profile corners are square and cable is tight. Use hex key to securely tighten second connector to hold in place.





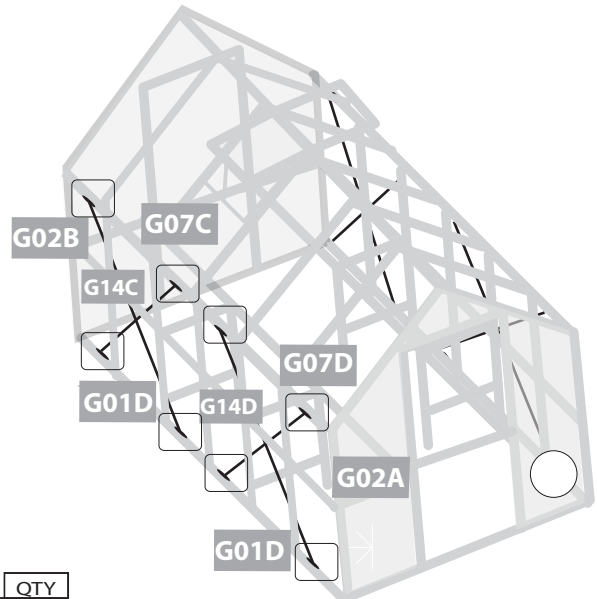


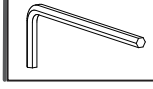
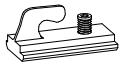
VIEWS FROM INSIDE.

IMPORTANT: Make sure all corners are squared at 90 degrees.

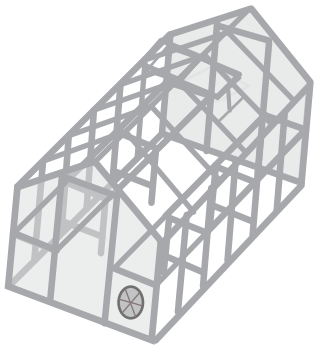
9.5 Repeat step 9.1 through 9.4 on the other side of the greenhouse.

IMPORTANT: Make sure all corners are squared at 90 degrees.



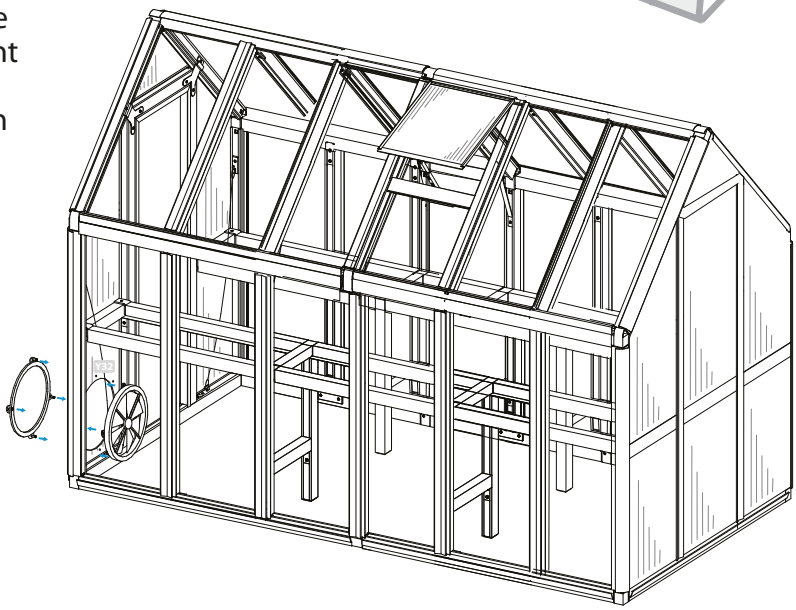
Hex Key	QTY	Cable Connector		QTY	Cable		QTY
	1		#S06	12		#S07	6

Install Circular Vent

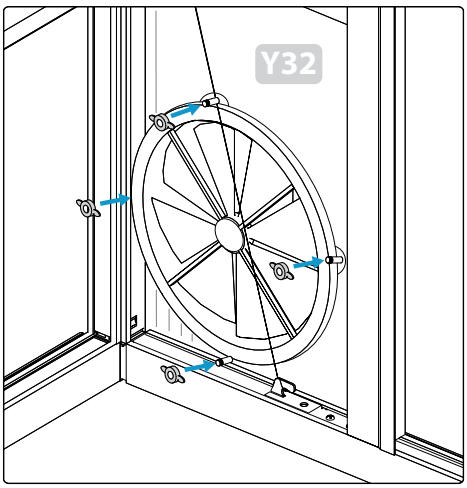


Place all the parts for circular vent on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

10.1A Open box containing the parts for circular vent. From the outside of the greenhouse, line up vent frame pins with holes in panel Y32, and slide into place. From the inside of the greenhouse, slide circular vent under the cable. Line up pins in vent frame with holes in circular vent and slide into place.



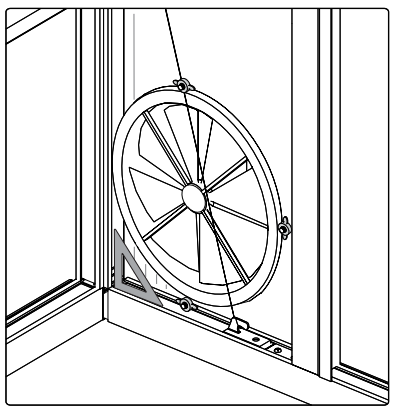
10.1B From the inside, secure the vent with four plastic nuts.



VIEW FROM INSIDE.

IMPORTANT: Circular vent rests under the bracing cable. See step 2.10 for detailed instructions on adjusting the cables.

10.1C Double check that the corners are squared at 90 degrees and adjust if necessary. See step 2.10 for detailed instructions.

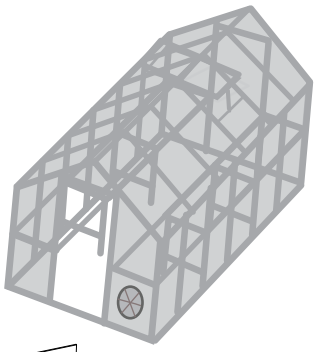


VIEW FROM INSIDE.

IMPORTANT: Make sure all corners are squared at 90 degrees.

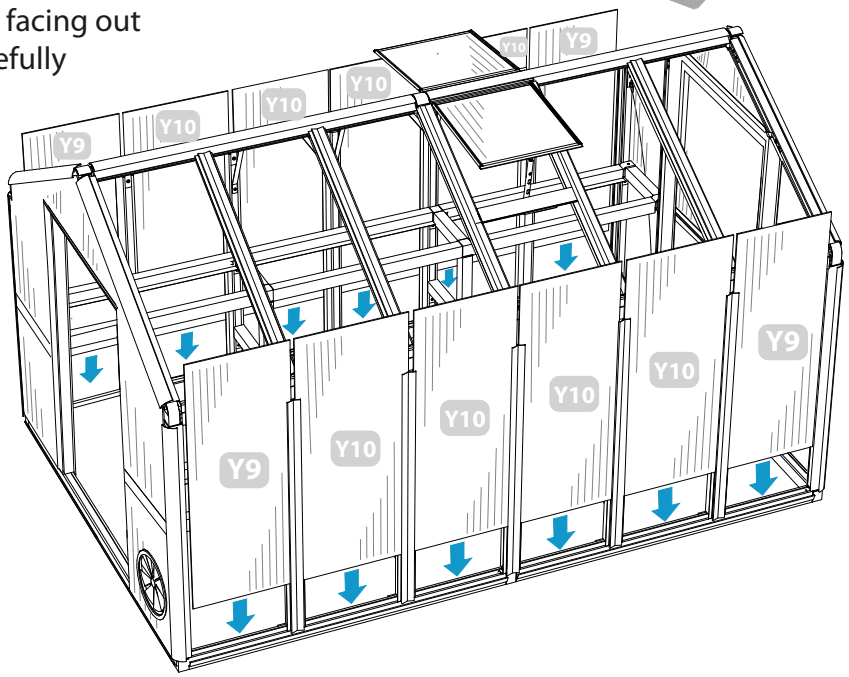
Vent Frame	QTY	Circular Vent	QTY	Plastic Nuts	QTY
	1		1		4

Install Side and Roof Panels



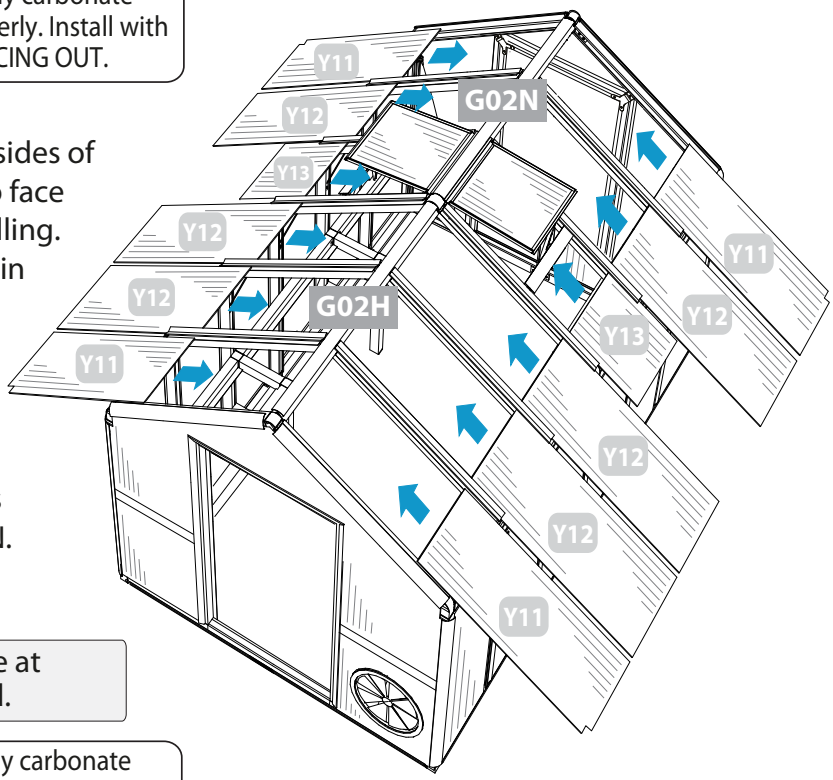
Place all side and roof panels on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

11.1 Remove protective plastic from both sides of panels Y09 and Y10. Place side to face toward the sun facing out when installing. Slide panels carefully into V-channels in corner profiles G02A and G02B and side profiles G03B, G03T and G03V. Fit securely into V-channels.
As you continue sliding the panels make sure panels fit into the V-channels in base profiles G01D.



Remove protective plastic from EACH side of poly carbonate panels before installing. Dispose of plastic properly. Install with side labeled "Face this side towards the sun" FACING OUT.

11.2 Remove protective plastic from both sides of panels Y11, Y12 and Y13. Place side to face toward the sun facing out when installing. Slide panels carefully into V-channels in gable profiles G03E, G03H, G03G G03J, G03Y and G03Z and into V-channels of front and back profiles G02E and G02F.
As you continue sliding the panels, make sure they fit into the V-channels in center roof profiles G02H and G02N.

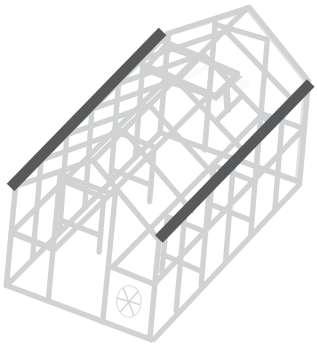


IMPORTANT: Cut outs in Y11 panels are at bottom outside corners when installed.

Remove protective plastic from EACH side of poly carbonate panels before installing. Dispose of plastic properly. Install with side labeled "Face this side towards the sun" FACING OUT.

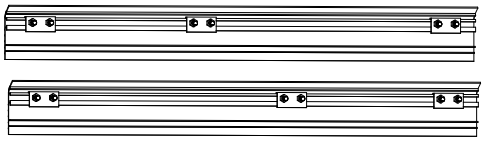
Panel		QTY	Panel		QTY				Panel		QTY
	#Y09	4		#Y10	8		#Y11	4		#Y12	6
										#Y13	2

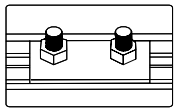
Install Trim Plates



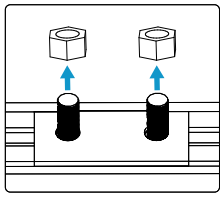
Place the trim plates on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

12.1 Remove the six hex nuts from the hex bolts attached to each G09C and G09D trim plate BEFORE installing.



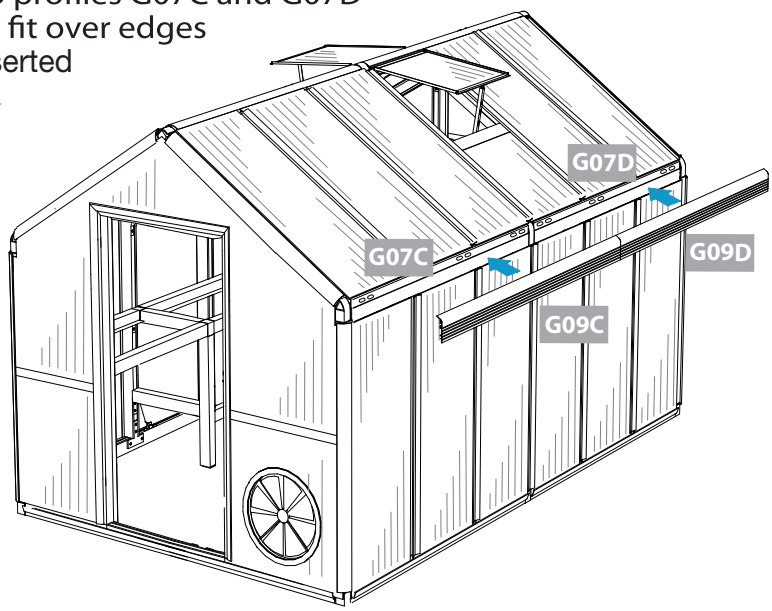


VIEWS FROM INSIDE.

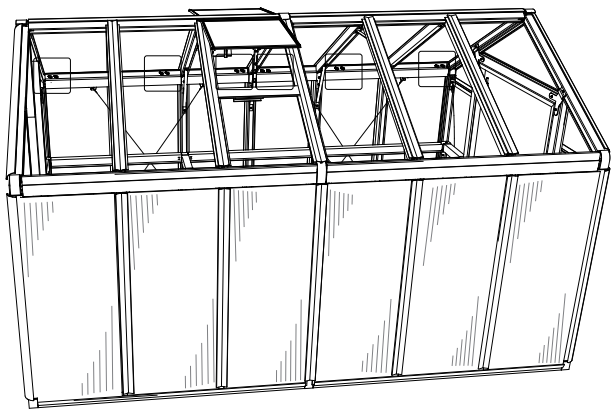


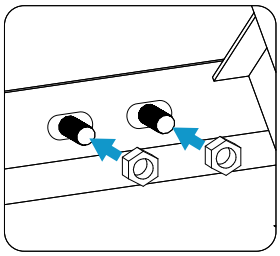
12.2A Place trim plates G09C and G09D onto profiles G07C and G07D on outside of greenhouse. Trim plates fit over edges of side and roof panels. Hex bolts are inserted into holes on profiles G07C and G07D.

NOTE: Trim plates cover edges of roof and side panels.



12.2B From inside of greenhouse, place hex nuts onto hex bolts in trim plates G09C and G09D and tighten securely.

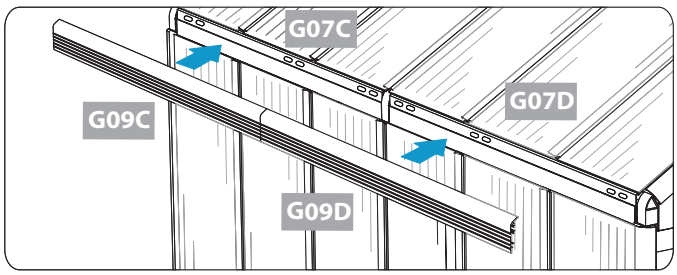


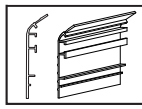


VIEWS FROM INSIDE.

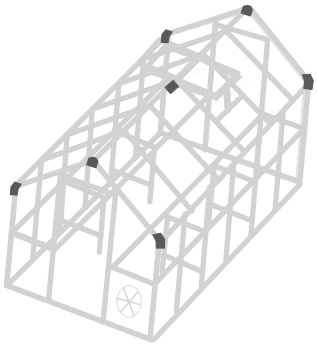
IMPORTANT: The holes in profile G07C and G07D and the bolts in trim plates G09C and G09D are in different positions. Fit trim plate G09C into profile G07D. Fit trim plate G09C into profile G07D.

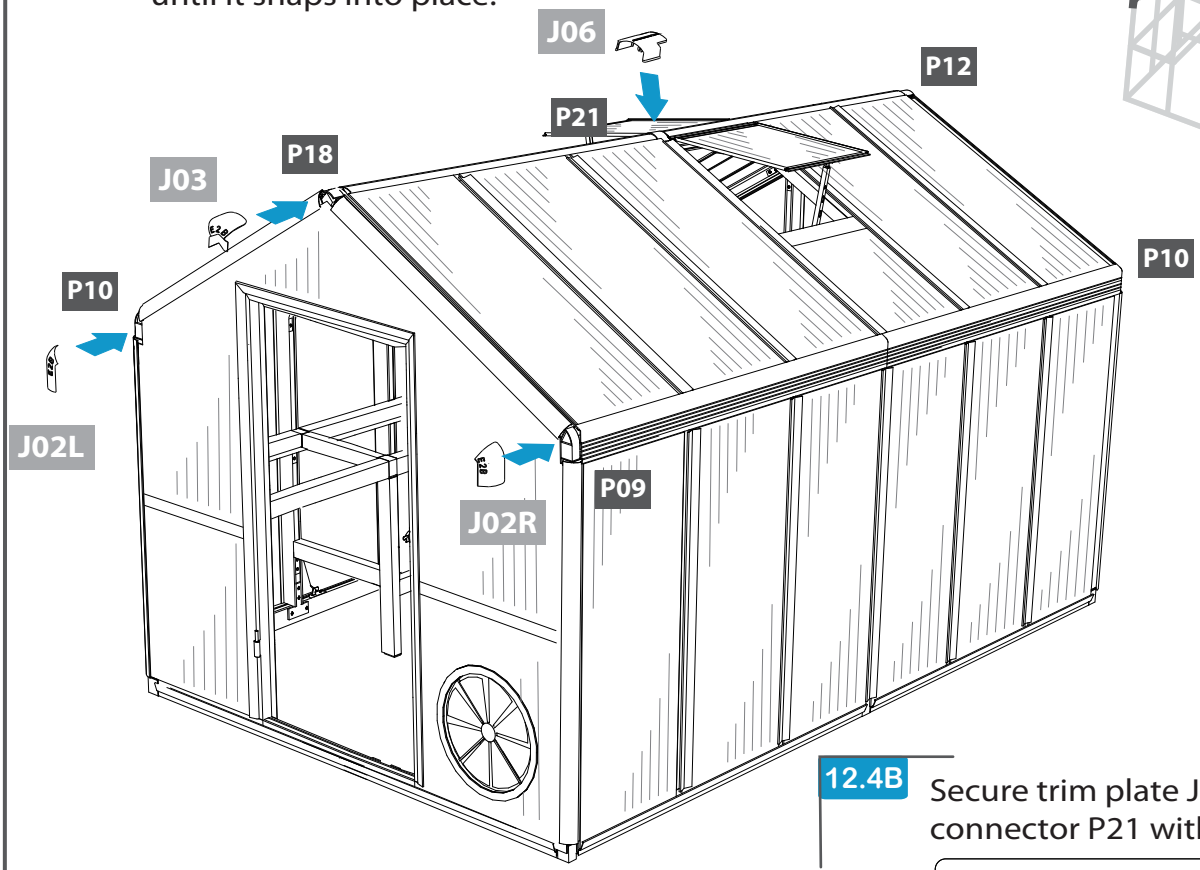
12.3 Repeat Step 12.2A and 12.2B on other side of greenhouse. Note the positions of profiles G07C and G07D are reversed. Make sure to attach trim plate G09C to profile G07C in the front and trim plate G09D to profile G07D in the back.



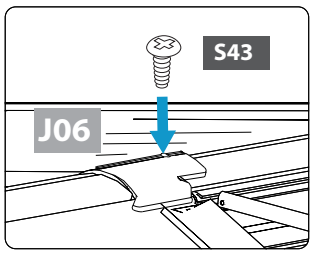
Trim Plate		QTY
	#G09C	2
	#G09D	2

12.4A In the front of the greenhouse, slide plastic trim plates J02L, J02R, and J03 into connectors P09, P10 and P18 until they snap into place. On top of the greenhouse, push trim plate J06 onto connector P21 and slide towards the back until it snaps into place.

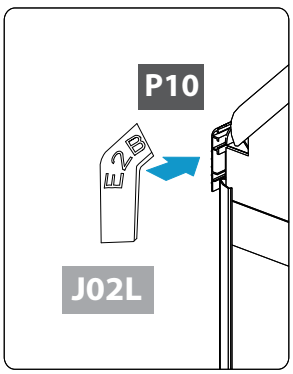


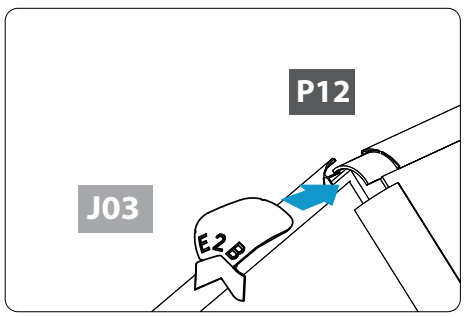


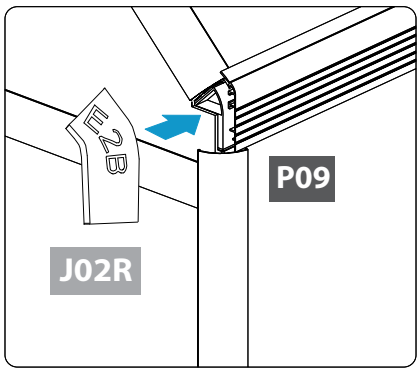
12.4B Secure trim plate J06 to connector P21 with S43 screw.



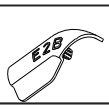
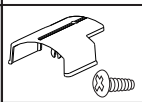
12.4C In the back of the greenhouse, slide plastic trim plates J02L, J02R, and J03 into connectors P09, P10 and P12 until they snap into place.



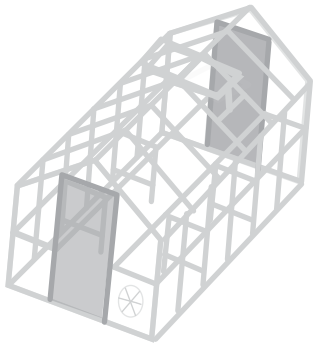




IMPORTANT: The plastic trim plates J02L, J02R, J03 and J06 fit into connectors only one way. Make sure the connectors are snapped securely into place as they will protect the connectors from the weather.

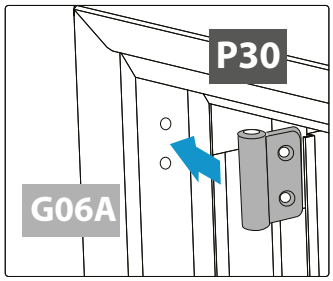
Trim Plate		QTY	Trim Plate		QTY	Trim Plate		QTY	Trim Plate/Screw		QTY
	#J02L	2		#J02R	2		#J03	2		#J06 #S43	1 1

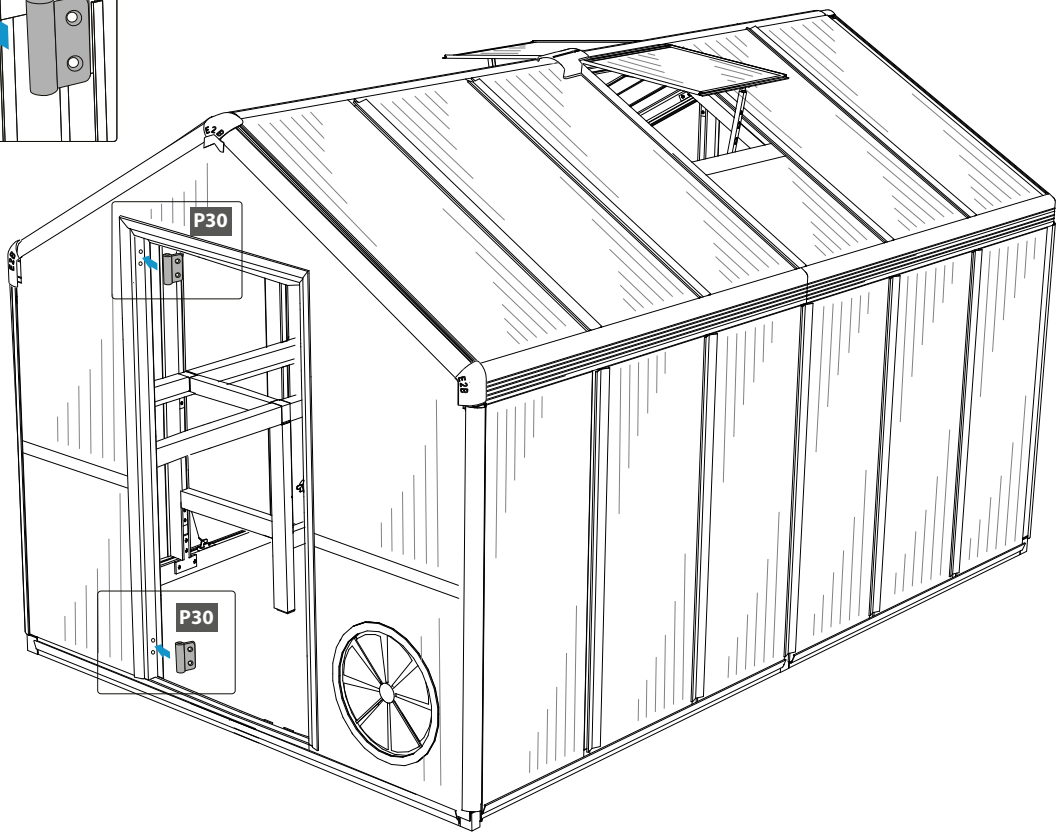
Hang Doors

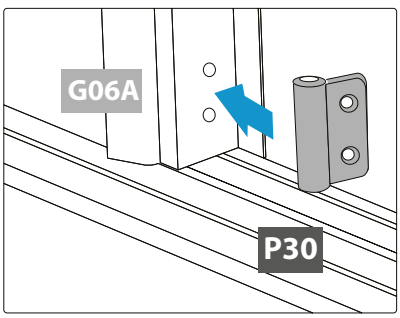


The door has been assembled in Step 1. When hung, the bracing bar is on the inside of the greenhouse. We recommend using two people to hang the door.

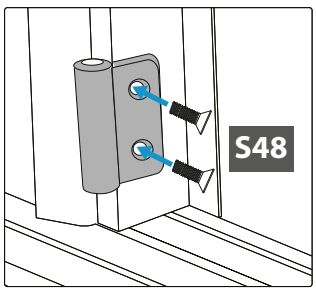
13.1A Install hinges to door frame. Line up door hinge P30 with holes inside top and bottom of profiles G06A.





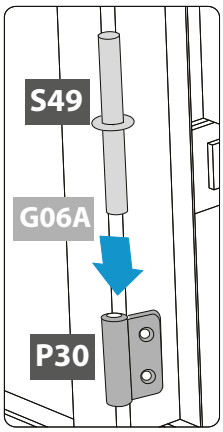


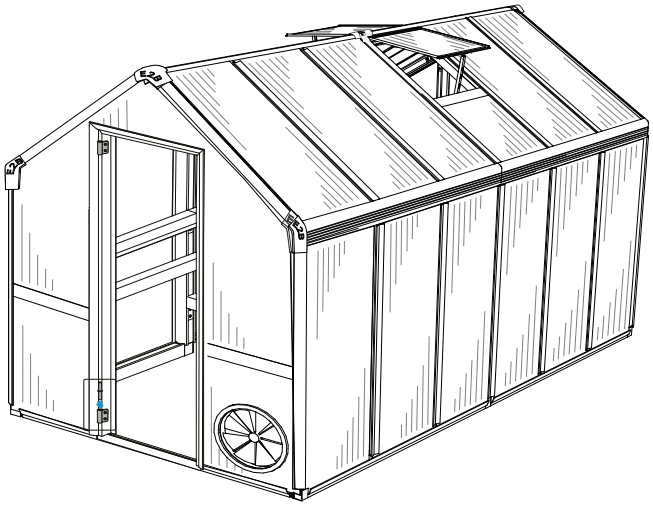
13.1B Secure each hinge with four S48 screws.



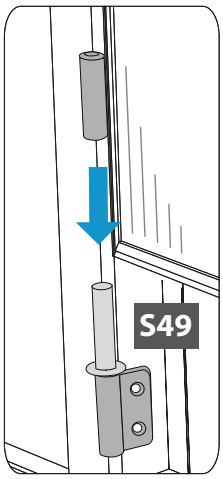
Hinge		QTY	Screw		QTY
	#P30	4		#S48	8

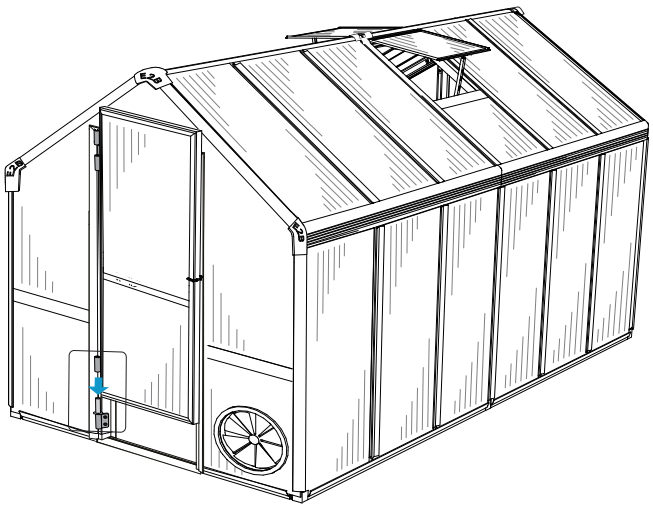
13.2A Place S49 pin in bottom door hinge on door frame profile G06A.



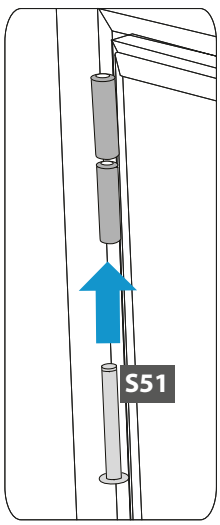


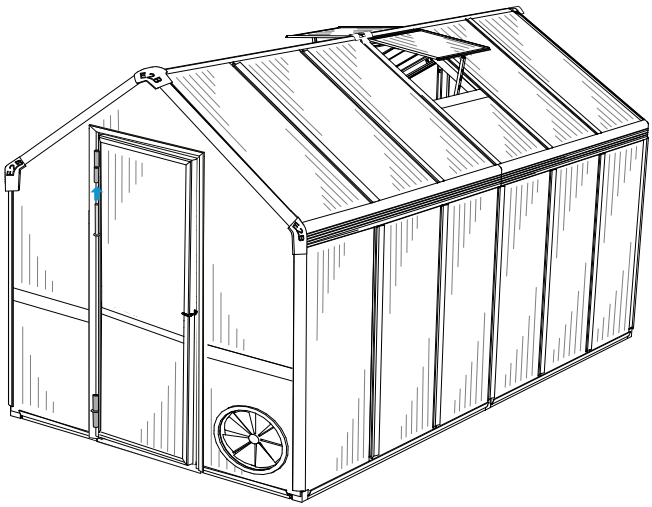
13.2B From the outside of the greenhouse, carefully line up hinge on bottom of DOOR 3 with S49 pin on door frame. Lower door onto pin until hinges meet. Push top door back towards door frame so top hinges line up.



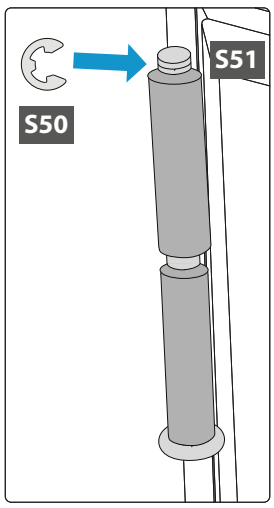


13.2C Line up top door hinge with top door frame hinge. From bottom of hinges, slide S51 pin through both hinges.

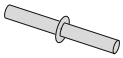
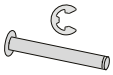




13.2D Secure pin in place with S50 lock washer as shown.



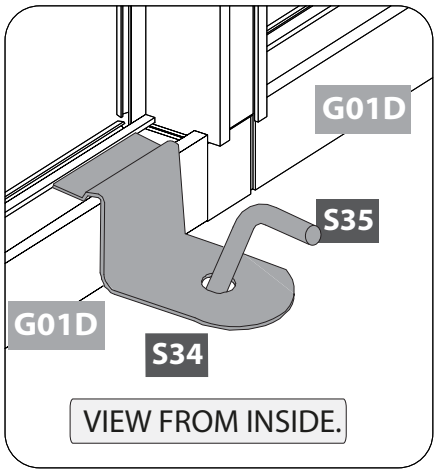
Repeat steps 13.1A and 13.2D to install hinges to doorframe on the back of the greenhouse.

Pin		QTY	Lock Washer/Pin		QTY
	#S49	2		#S50 #S51	2 2

Secure to Ground

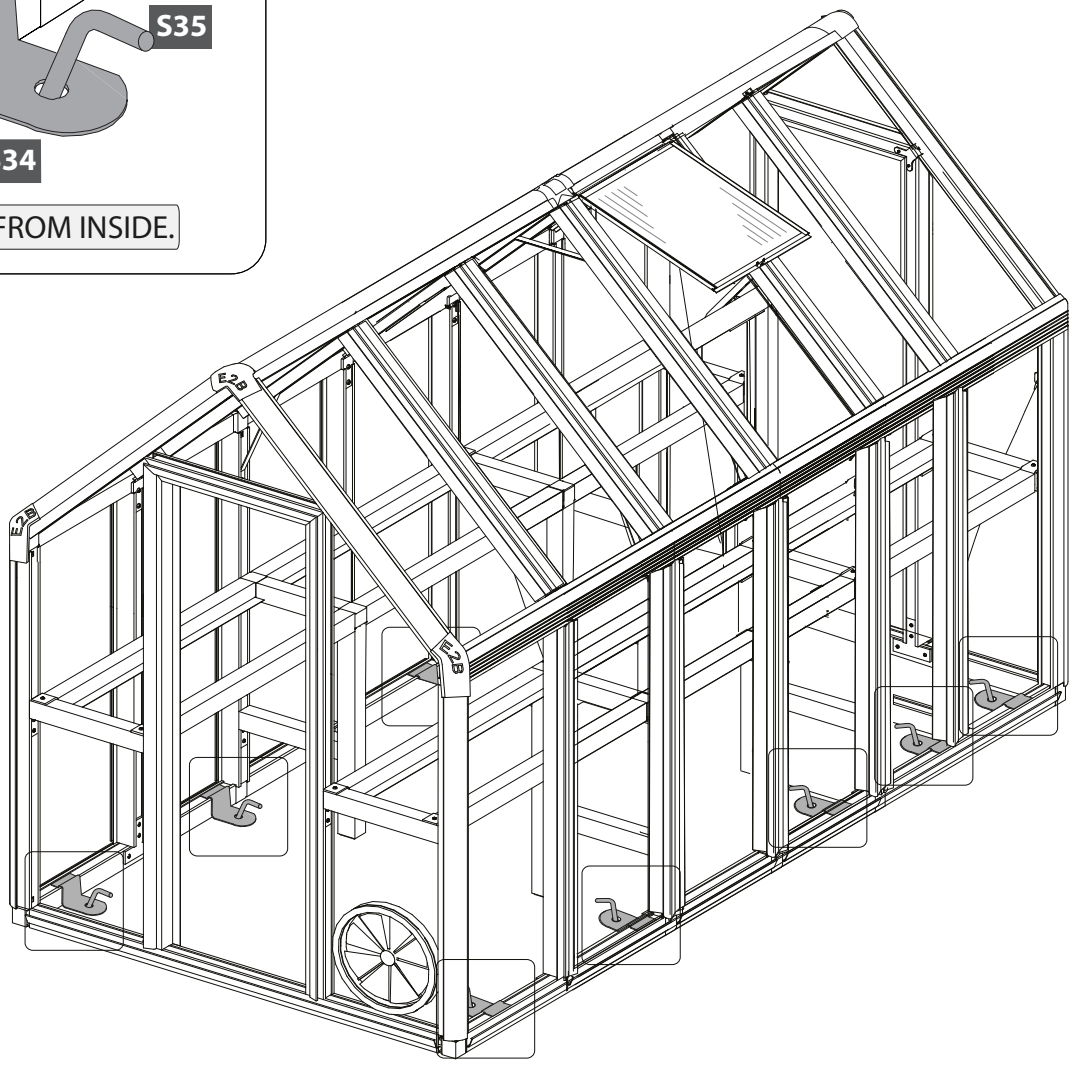
IMPORTANT: The greenhouse must be firmly secured to the ground. Make sure the foundation is FLAT and LEVEL. Make sure the greenhouse is square. The two diagonal measurements inside the greenhouse should be identical.

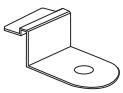
14 From the inside of the greenhouse, insert the S34 anchor clips into channels of side profile G01D at each corner and center of both sides. Place the S35 pegs through the holes and into the ground to establish proper placement. Remove the pegs, dig holes 12"/30cm deep and fill with concrete. When the concrete is partially dry, use a hammer to drive the pegs all the way into the concrete and let dry completely for twenty four hours.



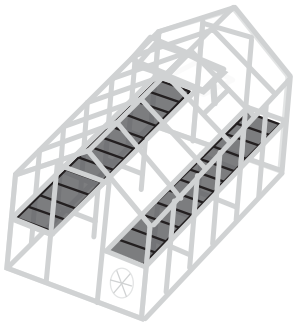
VIEW FROM INSIDE.

NOTE: Insert S34 anchor clips into the channel of side profiles G01D at a slight angle and slide under the lip of the channel.



Anchor Clip		QTY	Anchor Peg		QTY
	#S34	10		#S35	10

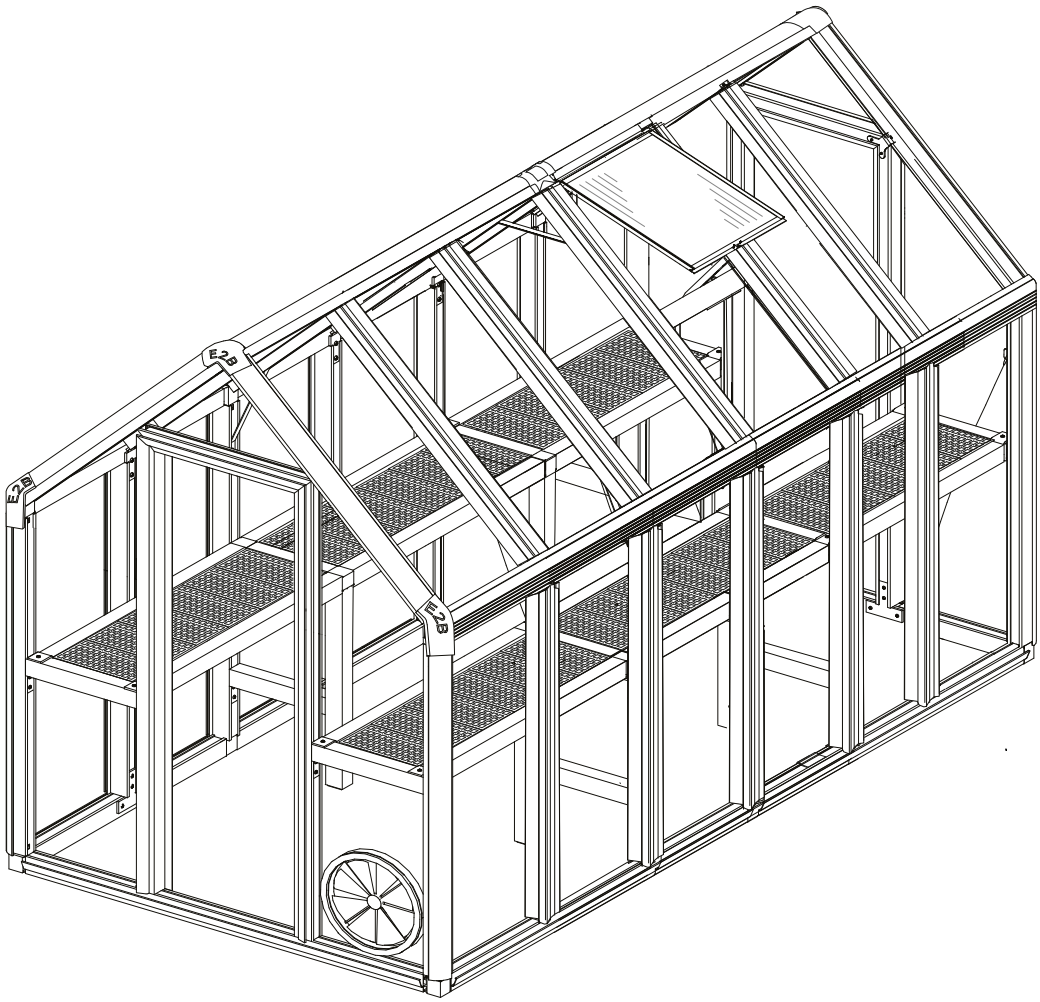
Install Trays

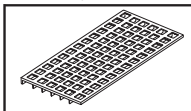


Place all the parts for the trays and bin holder on a level surface.
Make sure the pieces are in the correct positions before assembling.
Carefully follow the order of assembly to ensure an easy installation.
Wear proper safety gear including work shoes, gloves and goggles.

15.1

From the inside of the greenhouse, place the trays on the shelves. The trays interlock together and rest on the lip on the sides of the shelve profiles. Fifteen trays fit on each side of the greenhouse.



Trays		QTY
	#J05	30

Notes:

Easy Grow™

6’ x 12’ Greenhouse Assembly Instructions

Please keep this manual in a safe place for reference, service and warranty.
If you need any help or have missing or damaged parts, please contact us.

Visit www.ecomposter.net for composting solutions.

Ecomposter Sphere, Standard Base and Optional Base

Systems Trading Corporation
450 7th Avenue Suite 2809, New York, NY 10123
Service clientèle: 1-877-782-4482 Email: easygrow@stcaustin.com

Copyright © 2009, Systems Trading Corporation, All rights reserved.
EG_6x8_PV1210